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CALENDAR OF THE FACULTY OF MEDICINE FOR THE SESSION 1935-36

1935

Wed.,	Sept.	11th	Register opens for students in Medicine.
Fri.,	Sept.	13th	Autumn Examinations begin.
Wed.,	Sept.	18th	Autumn Term begins.
Sun.,	Oct.	6th	Founder's Day.
Mon.,	Oct.	7th	Convocation. Register closes for the session.
Thurs.,	Oct.	10th	Sports Day. No lectures.
Mon.,	Nov.	11th	Remembrance Day. No lectures.
Tues.,	Nov.	26th	Autumn Term ends.
Wed.,	Nov.	27th	Winter Term begins.
Fri.,	Dec.	20th	Last day of lectures before Christmas.

1936

Mon.,	Jan.	6th	Lectures resumed.
Tues.,	Feb.	18th	Winter Term ends.
Wed.,	Feb.	19th	Spring Term begins.
Wed.,	Feb.	26th	Ash Wednesday. No lectures.
Fri.,	April	10th	Easter vacation.
Mon.,	April (inclusive)	13th	
Tues.,	April	28th	Spring Term ends.
Fri.,	May	1st	Examinations begin.
Thurs.,	May	28th	Convocation.

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D. L. Mendel, M.D., C.M.
Demonstrator in Medicine. 423 St. Joseph Blvd. W.

A. Stewart, M.D., C.M., F.R.C.S. (C.).
Demonstrator in Surgery. Drummond Medical Building.

C. R. Joyce, M.D., C.M.
Demonstrator in Medicine. 5242 Park Avenue.

Keith Gordon, B.A., M.D., C.M., F.R.C.P. (C.).
Demonstrator in Medicine. 1374 Sherbrooke St. W.

Lorne C. Montgomery, M.D., C.M., F.R.C.P. (C.).
Demonstrator in Medicine. 1414 Drummond St.

J. F. MacIver, M.D., C.M. (Queen's).
Demonstrator in Medicine. 3757 Wilson Avenue.

W. E. Williams, M.D., C.M.
Demonstrator in Pædiatrics. Medical Arts Building.

R. Cameron Stewart, B.Sc., M.D., C.M.
Demonstrator in Pædiatrics. 5840 Côte St. Antoine Road.

E. S. Mills, B.Sc., M.D., C.M., F.R.C.P. (C.).
Demonstrator in Medicine. Medical Arts Building.

D. S. Forster, M.A., M.D., C.M.
Senior Demonstrator in Anatomy. 4405 Wellington St.

Douglas Gurd, M.D.
Demonstrator in Obstetrics and Gynæcology. 1482 Mackay St.

Eleanor S. Percival, B.A., M.D., C.M., F.R.C.S. (C.).
Demonstrator in Obstetrics and Gynæcology.
1374 Sherbrooke Street West.

John C. Armour, M.Sc., M.D., C.M.
Demonstrator in Surgery. Royal Victoria Hospital.

R. R. Fitzgerald, B.Sc., M.D., C.M., F.R.C.S. (Eng.).
Demonstrator in Surgery. 1414 Drummond St.

H. M. Elder, M.D., C.M.
Demonstrator in Anatomy and Assistant Demonstrator in Surgery.
Medical Arts Building.

G. Gavin Miller, M.Sc., M.D., C.M., F.R.C.S. (C.).
Demonstrator in Surgery. 1390 Sherbrooke Street West.

Jessie Boyd Scriver, B.A., M.D., C.M., F.R.C.P. (C.).
Demonstrator in Pædiatrics. Royal Victoria Hospital.

R. Vance Ward, M.D., C.M.
Demonstrator in Industrial Hygiene. 561 Côte St. Catherine Road.

E. H. Cayford, B.A., (Sask.), M.D., C.M.
Demonstrator in Anatomy. Medical Arts Building.

E. B. Chandler, M.D., C.M.
Demonstrator in Surgery. 1374 Sherbrooke St. W.

L. P. Ereaux, B.Sc., M.D., C.M.
Demonstrator in Dermatology. 1390 Sherbrooke St. W.

Baruch Silverman, M.D., C.M.
Demonstrator in Mental Hygiene. 531 Pine Avenue W.

J. B. Ross, M.D., C.M., F.R.C.P. (C.).
Demonstrator in Pharmacology and in Medicine.
1414 Drummond St.

R. Percy Wright, M.D., C.M., F.R.C.S. (C.).
Demonstrator in Oto-Laryngology. 1414 Drummond St.

Keith Hutchison, M.D., C.M.
Demonstrator in Oto-Laryngology. 1509 Sherbrooke Street West.

W. J. McNALLY, B.A., M.D., C.M. (Dalhousie), D.Sc., D.L.O., (R.C.P. & S. Eng.), F.R.C.S. (C.).
Demonstrator in Oto-Laryngology. 1509 Sherbrooke St. W.

G. EDWARD TREMBLE, M.D., C.M., D.L.O., R.C.P. & S. (Eng.), F.R.C.S. (C.).
Demonstrator in Oto-Laryngology. 1390 Sherbrooke Street West.

A. L. WILKIE, B.A., M.D., C.M.
Demonstrator in Surgery. 1374 Sherbrooke St. W.

E. C. MENZIES, M.D., C.M.
Demonstrator in Psychiatry. Protestant Hospital, Verdun.

B. F. MACNAUGHTON, M.D., C.M., F.R.C.S. (C.).
Demonstrator in Oto-Laryngology. 1024 Drummond Medical Building.

DUDLEY E. ROSS, M.Sc., M.D., C.M.
Demonstrator in Surgery. Medical Arts Building.

J. R. DEAN, B.A., M.D., C.M.
Demonstrator in Histology and in Anatomy. 5051 Verdun Ave.

J. R. LOCHEAD, B.A., M.D., C.M.
Demonstrator in Anatomy. 2250 Dorchester St.

H. GURTH PRETTY, M.D., C.M.
Demonstrator in Anatomy and Assistant Demonstrator in Surgery. 1414 Drummond St.

F. D. ACKMAN, M.D., C.M.
Demonstrator in Anatomy. 1374 Sherbrooke St. W.

D. H. STARKEY, B.A., M.D., C.M.
Demonstrator in Bacteriology. Pathological Institute.

G. A. FLEET, M.Sc., M.D., C.M.
Demonstrator in Surgery. 1500 Crescent St.

MARK KAUFMANN, M.D., C.M.
Demonstrator in Surgery. Medical Arts Building.

H. M. KEITH, M.B. (Toronto).
Demonstrator in Pædiatric Neurology Royal Victoria Hospital.

H. G. ROSS, M.D., C.M.
Demonstrator in Anatomy. 5459 Grove Hill Place, Montreal.

S. J. MARTIN, M.D., C.M., F.R.C.S. (Edin.)
Demonstrator in Anatomy. Medical Building.

O. F. DENSTEDT, B.Sc. (Manitoba).
Demonstrator in Biochemistry. Biological Building.

A. J. B. HEBERT, M.D., C.M.
Demonstrator in Anatomy. 4315 Girouard Ave., cor. Monkland.

J. C. SUTTON, B.A., M.D., C.M.
Demonstrator in Anatomy. Medical Building.

H. N. SEGALL, M.D., C.M.
Demonstrator in Medicine Medical Arts Building.

W. W. Eakin, M.D., C.M., F.R.C.P.(C.).
Demonstrator in Medicine. 1538 Sherbrooke St. W.

Neil Feeney, B.A. (Laval), M.D., C.M.
Demonstrator in Medicine. 1414 Drummond St.

C.W. Fullerton, M.D., C.M.
Demonstrator in Medicine. 1538 Sherbrooke St. W.

A. F. Fowler, M.D., C.M.
Demonstrator in Medicine. 2060 Sherbrooke St. W.

W. R. Kennedy, M.D.
Demonstrator in Medicine. 1538 Sherbrooke St. W.

L. J. Adams, M.D.
Demonstrator in Medicine. 1374 Sherbrooke St. W.

J. W. McKay, M.D.
Demonstrator in Radiology. Montreal General Hospital.

B. Usher, B.A., M.D., C.M.
Demonstrator in Dermatology. 1538 Sherbrooke St. West.

J. G. Quackenbush, M.D.C.M.,
Demonstrator in Anatomy. Medical Building.

T. E. Roy, B.A. (Acadia), M.D., C.M.
Demonstrator in Bacteriology and Immunity. Pathological Institute.

A. B. Hawthorne, B.A., M.D., C.M.
Demonstrator in Urology. Medical Arts Building.

A. Ross, M.C., B.A. (Dalhousie), M.D., C.M.
Assistant Demonstrator in Surgery. 5027 Sherbrooke Street W.

J. Rosenbaum, M.D., C.M., F.A.C.S.
Assistant Demonstrator in Ophthalmology. 1396 St. Catherine Street W.

A. Bramley-Moore, B.A., M.D., C.M.
Assistant Demonstrator in Ophthalmology. 1440 Crescent St.

W. C. Gowdey, M.D., C.M.
Assistant Demonstrator in Medicine.
4492 Sherbrooke Street, Westmount.

W. W. Alexander, M.D., C.M.
Assistant Demonstrator in Medicine. 3796 Harvard Avenue.

G. A. Stuart Ramsey, B.A., M.D., C.M.
Assistant Demonstrator in Ophthalmology. 1496 Mountain St.

Howard Dawson, B.A., M.D.
Assistant Demonstrator in Surgery. 1538 Sherbrooke St. W.

A. K. Geddes, M.D., C.M.
Assistant Demonstrator in Pædiatrics. 1390 Sherbrooke St. W.

P. G. Silver, B.Sc., M.D., C.M.
Assistant Demonstrator in Surgery. 1414 Drummond St.

J. S. Henry, M.D., C.M.
Assistant Demonstrator in Obstetrics and Gynæcology.
1414 Drummond St.

N. W. Philpott, M.D., C.M., M.C.O.G.
Assistant Demonstrator in Obstetrics and Gynæcology.
1509 Sherbrooke St. W.

C. V. Ward, B.A. (Bishop's), M.D., C.M.
Assistant Demonstrator in Obstetrics and Gynæcology.
1374 Sherbrooke St. W.

Margaret E. B. Cameron, B.A., M.D., C.M.
Assistant Demonstrator in Medicine. Royal Victoria Hospital.

G. Stavraky, M.D., C.M., M.Sc.
Assistant Demonstrator in Neurophysiology. Montreal Neurological Institute.

C. A. McIntosh, B.A., M.D., C.M.
Assistant Demonstrator in Surgery. 1390 Sherbrooke St., W.

H. C. Ellsworth, A.B. (Cornell), M.D., C.M.
Assistant in Pharmacology. Biological Building.

Alan Ross, M.D., C.M.
Assistant Demonstrator in Pædiatrics. 1414 Drummond St.

S. J. Usher, B.A., M.D., C.M.
Assistant Demonstrator in Pædiatrics. 1538 Sherbrooke St. W.

Theodore C. Erickson, M.A., M.D. (Minnesota).
Assistant Demonstrator in Neurosurgery.
Montreal Neurological Institute.

William T. Grant, M.D. (Toronto).
Assistant Demonstrator in Neuropathology.
Montreal Neurological Institute.

Ruth P. Dow, B.A., M.D., C.M.
Assistant Demonstrator in Bacteriology and Immunity.
Pathological Institute.

Donald S. Mitchell, M.D.,
Assistant Demonstrator in Dermatology. 1414 Drummond St.

Alex. B. Wallace, M.B. (Edin.).
Assistant Demonstrator in Urology. Royal Victoria Hospital.

D. R. Ross, M.D., C.M.
Assistant Demonstrator in Pathology. Montreal General Hospital.

M. A. Hickey, B.Sc., M.D., C.M.
Assistant Demonstrator in Pathology. Montreal General Hospital.

D. E. Coburn, M.D. (Vermont).
Assistant Demonstrator in Pathology. Pathological Institute.

S. W. Lippincott, A.B., M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute.

W. d'A. Maycock, M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute.

R. R. Perreault, B.S., M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute

FELLOWS

P. J. Kearns, M.Sc., M.D., C.M., M.C.O.G.
Clara Law Fellow and Demonstrator in Obstetrics and Gynæcology. Pathological Institute.

William Gibson, B.A.
Research Fellow in Neurology and Neurosurgery. Montreal Neurological Institute.

Webb Haymaker, M.D.
Research Fellow in Neurology and Neurosurgery. Montreal Neurological Institute.

Nathan Norcross, S.B., M.D.
Research Fellow in Neurology and Neurosurgery. Montreal Neurological Institute.

Isador Tarlov, A.B., M.Sc., M.D.
Research Fellow in Neurology and Neurosurgery. Montreal Neurological Institute.

Francis McNaughton, B.A., M.D., C.M.
Research Fellow in Neurology and Neurosurgery. Montreal Neurological Institute.

J. Sanchez Perez, M.D.
Research Clinical Fellow in Neurosurgery. Montreal Neurological Institute.

Lister Reid, M.B., B.S.
Research Clinical Fellow in Neurosurgery. Montreal Neurological Institute.

A. E. Childe, M.D.
Research Fellow in Roentgenology, Department of Neurology and Neurosurgery. Montreal Neurological Institute.

HISTORICAL SUMMARY

(Faculty of Medicine)

1821-1935

1744	James McGill, born October 6th (Founder's Day). Died 1813.
1801–02	Royal Institution for Advancement of Learning contemplated by Provincial Act of Parliament.
1811	Will by James McGill leaving landed estate and £10,000 to Royal Institution for Advancement of Learning for founding a University.
1818	Royal Institution for Advancement of Learning incorporated. Montreal General Hospital opened on original site on St. Lawrence Street.
1821	Royal Charter granted to the Royal Institution for the Advancement of Learning for the foundation of McGill College. Cornerstone of new Montreal General Hospital laid.
1822–24	Montreal Medical Institution organized as a Medical School by Officers of Montreal General Hospital. At opening lecture at No. 20 St. James Street on October 28, 1924, there were four teachers and twenty-five students.
1829	Estate of James McGill surrendered by residuary legatee. First meeting of Governors at Burnside House. Montreal Medical Institution "engrafted upon" McGill University as its Medical Faculty. First session of Faculty of Medicine.
1831	Medical Faculty petitioned Legislature for permission to grant degrees, and framed statutes to fulfil conditions of charter for same by order of Solicitor-General.
1832	Statutes approved and permission to confer degrees granted to Medical Faculty, and Professorships granted by Crown to Drs. Holmes, Caldwell, Robertson and Stephenson.
1833	First University degree conferred in Medical Faculty upon W. Logie.
1836–37	Faculty removed to building next to present Bank of Montreal.
1840	Faculty removed to St. George Street.
1842	Arts Building erected on University grounds, where medical lectures were held 1845–51.
1852	Faculty removed to Côté Street.
1855	Sir William Dawson appointed Principal.
1860	Geo. W. Campbell appointed Dean, serving until 1882.
1872	First independent Medical Faculty building on University ground. Graduation of William Osler.

1882	Geo. W. Campbell Memorial Fund for Medical Faculty ($50,000); Leanchoil Endowment Fund for Medical Faculty (Lord Strathcona, $50,000). R. P. Howard appointed Dean.
1885	New laboratories erected in Medical Building (Lord Strathcona, $100,000).
1889	Robert Craik appointed Dean—George Ross, Vice-Dean.
1893	Pathological Laboratory erected (John H. R. Molson, $60,000); Chairs of Hygiene and of Pathology endowed (Lord Strathcona, $100,000). Mrs. Mary Dow Endowment Fund presented to Medical Faculty ($10,000).
1894	Royal Victoria Hospital opened (Lord Mount-Stephen and Lord Strathcona).
1895	Sir William Peterson appointed Principal.
1898–01	Medical Faculty Building reconstructed and enlarged with new laboratories, etc. (Lord Strathcona, $100,000). Joseph Morley Drake Chair of Physiology founded ($25,000).
1901	Thomas G. Roddick appointed Dean.
1906	Alexandra Hospital for Infectious Diseases opened.
1907	Medical Building partly destroyed by fire.
1908	F. J. Shepherd appointed Dean.
1909–11	New Medical Building (as at present) erected. (Lord Strathcona, $450,000).
1911	Robert Reford endowment of Department of Anatomy ($100,000). Arthur A. Browne Memorial Fund for Research established ($10,000). Dr. James Douglas research fellowship in Pathology founded ($25,000).
1912	Eddie Morrice Laboratory of Pharmacology opened (D. Morrice, $14,000). James Cooper Endowment Fund established for Internal Medicine ($60,000).
1913	Graduates of the Faculty of Medicine subscribed $12,566 to meet fire loss.
1914	H. S. Birkett appointed Dean. No. 3 (McGill) General Hospital organized for Overseas service. New Foundling Hospital opened.
1916	Ross Memorial Pavilion (J. K. L. Ross), opened by H.R.H. Duke of Connaught.

1917 Geo. Ross Endowment Fund for Medical Faculty presented.

1919 Sir William Macdonald bequeathed $500,000 to Medical Faculty.
Faculty of Dentistry established. Osler Library (of the history of medicine and science) bequeathed to the Faculty of Medicine by Sir William Osler.

1920 Sir Arthur Currie appointed Principal.
Dr. J. W. Scane appointed Assistant Dean.

1921 Centenary Celebration.
Friends and Graduates of McGill donated $4,000,000 to University.
Province of Quebec donated $1,000,000 to University.
Rockefeller Foundation granted $1,000,000 to Medical Faculty.
F. G. Finley appointed Dean.

1922 Laboratories for Biological Sciences opened.
Geo. E. Armstrong appointed Dean.
New Outpatient Department erected at Royal Victoria Hospital.

1923 Pathological Institute erected.
C. F. Martin appointed Dean.

1924 Rockefeller Foundation gave $500,000 to Medical Faculty to establish University Clinic in Department of Medicine at Royal Victoria Hospital.

Amalgamation of Western Hospital with the Montreal General Hospital.

1925 Erection of Royal Victoria-Montreal Maternity Pavilion.
Roddick Memorial Gates opened.

1926 Closing of old Montreal Maternity Hospital.

1927 Sub-department of Industrial Medicine formed, with Industrial Clinic at the Montreal General Hospital. (Grant of $25,000 from Metropolitan Life Insurance Company).
Inter-Hospital Commission formed for purposes of administration.

1929 Opening of new laboratory building for Experimental Surgery
Rockefeller Foundation gave $85,000 for research in Surgery.

1932 Gift of $1,232,652 from the Rockefeller Foundation for the Department of Neurology and Neurosurgery.

1932 New building of Royal Edward Institute for Tuberculosis opened and affiliated with McGill University.

1933 Montreal Foundling and Baby Hospital taken over by Children's Memorial Hospital.

1935 A. E. Morgan appointed Principal.
Blanche Hutchinson Research Fund received (approximately $85,000.00).

OFFICERS AND MEMBERS OF THE FACULTY SINCE ITS ORIGIN

DEANS

Dr. R. Robertson, official head of the Montreal Medical Institution, 1823, was followed by Dr. John Stephenson in 1829 as Registrar and official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with the title of Secretary.

A. F. Holmes, 1854.
Geo. W. Campbell, 1860.
R. P. Howard, 1882.
Robert Craik, 1889.
George Ross (Vice-Dean), 1889.
Thomas G. Roddick, 1901.
Francis J. Shepherd, 1908.
Herbert S. Birkett, 1914.
F. G. Finley, 1921.
George E. Armstrong, 1922.
C. F. Martin, 1923.

REGISTRARS

John Stephenson, 1829.
Archibald Hall, 1842.
William Wright, 1864.
Robert Craik, 1869.
William Osler, 1877.
F. J. Shepherd, 1883 (Acting).
James Stewart, 1884.
R. F. Ruttan, 1891.
E. M. Eberts, 1902.
(J. W. Scane, Assistant Dean. 1920–1922).

Registrarship abolished–1923

SECRETARY

J. C. Simpson, 1923.

MEDICINE

Chair of Medicine
(Founded 1824)

William Caldwell, 1824.
William Robertson, 1833.
Andrew F. Holmes, 1842.
R. P. Howard, 1860.
George Ross, 1889.
James Stewart, 1893.

Chair of Clinical Medicine
(Founded 1845)

James Crawford, 1845 and 1852.
Robt. L. MacDonnell, 1849.
Stephen C. Sewell, 1850.
R. P. Howard, 1856.
Duncan C. MacCallum, 1860.
Joseph M. Drake, 1872.
George Ross, 1872.
Richard L. MacDonnell, 1889.
James Stewart, 1891.

Chair of Medicine and Clinical Medicine
(Founded 1907)
(*Chair of Medicine since 1923*)

F. G. Finley, 1907–1924.
H. A. Lafleur, 1907–1919.
C. F. Martin, 1907.
J. C. Meakins,
Professor and Director, 1924.
C. P. Howard, 1924.
W. F. Hamilton, 1924-1933.

SURGERY

Chair of Surgery
(Founded 1824)

John Stephenson, 1824.
G. W. Campbell, 1835.
Geo. E. Fenwick, 1875.
T. G. Roddick, 1890.

Chair of Clinical Surgery
(Founded 1840)

James Crawford, 1845.
William E. Scott, 1852.
Duncan C. MacCallum, 1856.
Robert Craik, 1860.
George E. Fenwick, 1867.
Thomas G. Roddick, 1876.
James Bell, 1894.

Chair of Surgery and Clinical Surgery
(Founded 1907)
(*Chair of Surgery since 1923*)

James Bell, 1907–1911.
Geo. E. Armstrong, 1907–1923.
J. A. Hutchison, 1913–1923.
E. W. Archibald,
Professor and Director, 1923.
A. T. Bazin, 1923.
E. M. Eberts, 1929.

OBSTETRICS AND GYNAECOLOGY

Chair of Obstetrics
(Founded 1824)

William Robertson, 1824.
John Racey, 1833.
Geo. W. Campbell, 1835.
Michael McCulloch, 1842.
Archibald Hall, 1854.
D. C. MacCallum, 1868.
Arthur A. Browne, 1883.
J. Chalmers Cameron, 1886.

Chair of Gynæcology
(Founded 1883)

William Gardner, 1883.
W. W. Chipman, 1910.

Chair of Obstetrics and Gynæcology
(Founded 1913)

W. W. Chipman, 1913–1929.
J. R. Fraser, 1929 Professor and Director.
H. M. Little, 1929–1934.

ANATOMY

(Chair founded 1824)

John Stephenson, 1824.
Oliver T. Bruneau, 1842.
William E. Scott, 1856.
Francis J. Shepherd, 1883.
A. C. Geddes, 1913.
S. E. Whitnall, 1919–1934.

CHEMISTRY

Chair of Chemistry
(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1842.
William Sutherland, 1849.
Robert Craik, 1867.
Gilbert P. Girdwood, 1879.
R. F. Ruttan, 1902–1928.

Chair of Practical Chemistry
(Founded 1872)

Gilbert P. Girdwood, 1872.
R. F. Ruttan, 1894.

BIOCHEMISTRY

Chair of Bio-Chemistry
(Founded 1920)

A. B. Macallum, 1920–1928.
J. B. Collip, 1928.

INSTITUTES OF MEDICINE

Chair of Institute of Medicine

(Founded 1824 and included the Departments of Physiology, Histology and Pathology)

John Stephenson, 1824.
Stephen C. Sewell, 1842.
Robert L. MacDonnell, 1845.
William Fraser, 1849.
Joseph M. Drake, 1868.
William Osler, 1874.

PHYSIOLOGY

(Founded 1824—endowed 1897)

Wesley Mills, 1886.
N. H. Alcock, 1911.
G. R. Mines, 1914.
John Tait, 1919.
Boris P. Babkin
(Research Professor), 1928.

HISTOLOGY

George Wilkins, 1883–1907.
J. C. Simpson, 1910.

PATHOLOGY

(Founded 1892—endowed 1893)

J. Geo. Adami, 1892.
H. Oertel, 1919.

PHARMACOLOGY

Chair of Pharmacology and Therapeutics
(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1835.
Stephen C. Sewell, 1842.
A. Hall, 1849.
William Wright, 1854.
James Stewart, 1883.
A. D. Blackader, 1891.

Chair of Pharmacology

H. G. Barbour, 1921.
R. L. Stehle, 1924.

BOTANY

(Chair founded 1829)

Andrew F. Holmes, 1829.
Dr. Papineau, 1845.
J. W. Dawson, 1855–56 and 1858–83.
James Barnston, 1857–58.
D. P. Penhallow, 1883–1912.
F. E. Lloyd, 1912-1934

MEDICAL JURISPRUDENCE

(Chair founded 1845)

William Fraser, 1845.
Francis Badgley, 1849.
Francis C. T. Arnoldi, 1850.
William E. Scott, 1851.
William Wright, 1852.
R. Palmer Howard, 1854.
Duncan C. MacCallum, 1860.
George E. Fenwick, 1867.
William Gardner, 1875.
George Wilkins, 1883.
D. D. MacTaggart, 1911-1929.

HYGIENE AND PUBLIC HEALTH

(Chair founded 1871—endowed 1893)

George Ross, 1871.
Thomas G. Roddick, 1873.
Robert T. Godfrey, 1875.
William Gardner, 1879.
R. L. MacDonnell, 1886.
Robert Craik, 1889.
Wyatt Johnston, 1902.
T. A. Starkey, 1902.
A. G. Fleming, Professor and Director of the Department of Public Health and Preventive Medicine, 1926.

OPHTHALMOLOGY AND OTO-LARYNGOLOGY

Chair of Ophthalmology and Otology
(Founded 1883)

FRANK BULLER, 1883.

Chair of Laryngology
(Founded 1893)

G. W. MAJOR, 1893. H. S. BIRKETT, 1895.

Chair of Oto-Laryngology

H. S. BIRKETT, 1895–1931. E. HAMILTON WHITE, 1931–1933.

Chair of Ophthalmology

J. W. STIRLING, 1906. W. G. BYERS, 1923.

ZOOLOGY

E. W. MACBRIDE, 1902–1910 ARTHUR WILLEY, 1910–1932

HISTORY OF MEDICINE

ANDREW MACPHAIL, 1907.

BACTERIOLOGY

F. C. HARRISON, 1928–1930 E. G. D. MURRAY, 1930

NEUROLOGY AND NEUROSURGERY

(Founded 1932)

W. G. PENFIELD, 1932.

FACULTY OF MEDICINE

The one hundred and third session of the Faculty will open on September 9th, 1935.

ENTRANCE REQUIREMENTS

A sound general education is an essential foundation for professional training and a four-year course leading to a B.A. or B.Sc. degree is considered the most desirable preparation for the study of medicine. Preference will be given, therefore, to applicants who have had a full academic course in which the humanistic studies have not been sacrificed to a narrow scientific specialization.

Candidates without a degree should have at least three years of college work. In exceptional cases applications may be received from students who have completed two years of work in a recognized college or faculty of Arts, provided they present certificates that they have scholastic standing placing them in the first third of their class.

It is distinctly to be understood that the Faculty does not undertake to accept all students who have passed the courses necessary to fulfil the requirements. It reserves the right to select for admission only those candidates who, in the opinion of the Committee on Admissions, give promise of work of high quality in the medical course.

All applicants must present satisfactory evidence that their college courses include the following:—

Physics—One year of general college Physics with laboratory work.

Biology—One year of General Biology and Zoology with laboratory work. One half-year of Botany and one half-year of Zoology will be accepted, but not one year of Botany alone.

Chemistry:—Two years:—

(a) One full course of General Chemistry with laboratory work.

(b) One full course of Organic Chemistry with laboratory work.

Students who wish to pursue their preliminary course at McGill may register as regular undergraduates in the Faculty of Arts and Science and should apply for admission to the Faculty of Medicine at the end of their third year or preferably on graduation.

Candidates for admission to the Faculty of Medicine must also present evidence that they have satisfied the matriculation requirements of the Licensing Body of the Province to which they belong. (For further particulars see "Requirements for Licence to Practise," p. 41.)

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than June 1st.

A fee of $25.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Dean or Secretary of the Faculty, when possible, is advisable.

APPLICATION FOR EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit to the Secretary of the Faculty an official statement of his preliminary education and of the course he has followed and the standing he has obtained. This should be accompanied by a Calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

REGISTRATION

Students in the Faculty of Medicine will register at the Registrar's Office for the session 1935-36 on September 11th to September 17th, 1935. Those who register after September 17th will be required to pay a late registration fee of $5.00 if they do so during the first week of the session and $10.00 if during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

MEDICAL EXAMINATION

In order to promote as far as possible the physical welfare of the student body, men students of the First and Second Years, and women students of the First and Third Years, in every Faculty, and all students coming to the University for the first time, are required to be medically examined. The hours of such examinations are announced at the beginning of the session. Any student who has failed to comply with this regulation before the 1st of November will be fined $5.00. Any student who has failed to comply before the 8th of November will be fined an additional $5.00. Any student who has failed to comply before the 15th of November will be suspended. Re-examinations are held frequently throughout the session for those students who are of low category, or who are suffering from physical disability.

Students of all years, who wish to engage in athletic activities, are also required to be medically examined.

VACCINATION

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years. Failing this, students must be vaccinated at once in a manner satisfactory to the medical examiner.

The penalties for non-compliance with this regulation are those stated above for the medical examination.

HEALTH

Provision is made by the Department for the care of the health of undergraduates during the session. If a student's admission to Hospital is requisitioned for by the Department, but not otherwise, one-half of all public ward charges is met by the University. A leaflet and handbook concerning this service and the general work of the Department are distributed at the opening of the session.

ATHLETICS

All students in good standing who are taking a course of study held to be sufficient by a special committee of the Faculty in which they are enrolled will be allowed to take part in athletics, subject, however, to the general regulations regarding medical examination.

During the session and including the Christmas holidays, all teams and individual *students desiring to participate in "outside"* athletics* must first apply to the Captain or Manager of the club concerned, who must secure the permission of the Athletics Manager, by whom all such sanctions are granted.

*"Outside athletics" is interpreted to mean athletics over which the Athletic Board of the University or the Canadian Intercollegiate Athletic Union does not have control.

Should any student take part in any athletic contest not having been sanctioned as above, or who is not personally qualified under the regulations regarding eligibility, medical examination, etc., such student shall be immediately debarred from participating in all University athletics. He shall be reported to the Athletics Board, which body shall, if it sees fit, request the offender to withdraw from the University, if the consent of the Principal has been given, until the Senate shall meet to deal with the matter.

(For further regulations see handbook published by the Athletics Board.)

FEES

TUITION FEES:

1. Annual undergraduate fee for British students..... $360.00
 By instalments: Each of two instalments..... 182.50
 Annual undergraduate fee for Non-British students..... 460.00
 By instalments: Each of two instalments..... 232.50
2. Undergraduates repeating a year pay one half the regular tuition fee. This includes dissecting material, chemical reagents, laboratories, etc.
3. Qualified partial students are admitted to one or more courses on payment of special fees.
4. The fee for the graduate course in Public Health, including laboratory and outdoor work, is $150.00 for British and $200.00 for Non-British students.

SPECIAL UNIVERSITY FEES:

5. Late registration, after September 19th..... $ 5.00
 Late registration, after September 26th..... 10.00
 Supplemental Examinations, each paper..... 10.00
 Receipts for supplementals must be shown to the Dean's Office before the examination.
 Duplicate Graduation Diploma..... 10.00
 Certified copy of student's record..... 1.00
 Conferring degree *in absentia*..... 10.00
 Ad eundem fee for students from another university entering any year above the First..... 10.00
 Fine for late medical examination (see page 30).....$5.00 or 10.00
6. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

STUDENTS' ACTIVITIES:

7. A sessional fee of $18.00 is payable by all men undergraduates and $13.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletics Board.

8. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 7 as are open to them, an additional $10.50 is charged for men students and $8.50 for women students.

GENERAL REGULATIONS:

9. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. and 2.30 p.m. to 4 p.m. on the following dates:—

 Tuesday, September 19th
 Wednesday, September 20th
 Thursday, September 21st

 or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

10. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of Regulation 9.

11. Any student who fails to pay his fees within a month of the prescribed date is suspended until all the fees due have been paid.

12. All fees are payable in Canadian currency.

13. Domicile will in general determine whether a student pays the British or, Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

UNIVERSITY LOAN FUND

A Student Loan Fund has been established by the University to assist needy students in the upper years of all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult the Dean of the Faculty.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories:—2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practitioner in medicine.

STUDENTS' EXPENSES

1. BOARD AND RESIDENCE

No college residences have as yet been erected for men students, but dormitory accommodation for about 60 men is provided in Strathcona Hall, the home of the Student Christian Association of McGill University. Full particulars concerning terms of residence, etc., may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to the city met on arrival and helped to secure lodgings, if due notice is sent of the station and time at which they will arrive.

The University Lodgings Committee issues annually a list of lodgings and boarding houses which have been inspected and approved. This list, which gives prices of rooms and meals, may be consulted in the Registrar's Office, in the Medical Building, in the Students' Union or in Strathcona Hall.

Board and lodging can be obtained in private houses in the vicinity of the University buildings at a cost of $35 to $60 per month; or separately, board from $25, and a room from $12 upwards per month.

Board is furnished in the McGill Union at low rates. The dining room, accommodates over 120 students. There is also a lunch counter.

2. ESTIMATED ANNUAL EXPENSES

	British	Non-British
Tuition Fees	$360.00	$460.00
Fee for Athletics, Union, etc	18.00	18.00
Caution Money Deposit	10.00	10.00
Board and Lodging	300.00	300.00
Books, Instruments, etc	152.00	152.00
	$840.00	$940.00

It will be noted that in the above estimate no account is taken of personal expenses, such as cost of clothes, laundry, etc. Students are advised also to reckon on at least $20.00 to $25.00 per annum for subscriptions of various kinds.

COURSE FOR THE M.D., C.M. DEGREE AND EXAMINATIONS

Certain fundamental changes have been initiated in the curriculum, rendering it much more flexible, more balanced and affording the student a certain freedom of choice. Thereby, too, the student assumes more responsibility for his own education. Incidentally he is relieved from an over-crowded curriculum in order to have more time for independent thought and work.

While a certain sequence of courses is essential to a well-ordered curriculum, he will no longer be passed on from year to year in lock step, but may assume greater latitude in the selection of the form and matter of study, and to some extent, too, in the choice of clinical teachers.

A. THE MEDICAL COURSE

The Academic year is divided into three terms of ten weeks and the minimum period of study required for the degree is fifteen terms (five years).

The subjects comprised in the medical course are arranged in two groups:

The Preclinical Group:

- Anatomy.
- Histology and Embryology.
- Biochemistry.
- Physiology.
- Pharmacology.

The Clinical Group:

- Bacteriology.
- Pathology.
- Public Health and Preventive Medicine.
- Medicine (including Pædiatrics, Neurology, Psychiatry, Dermatology and Laboratory Diagnosis).
- Surgery (including Urology and Orthopædic Surgery).
- Obstetrics and Gynæcology.

Ordinarily, the preclinical subjects occupy two years and the clinical group three years of the course.

In each group the courses offered are of two kinds:

Required Courses covering the ground which is essential to the training of a medical practitioner.

Elective Courses designed to give a broader and deeper training in the major subjects and the specialties.

The required courses are arranged in such a manner that a considerable amount of the student's time is left free for independent study and for elective courses in the pre-clinical and clinical subjects.

The required subjects of each group will ordinarily be taken in a definite sequence but qualified students may be allowed to arrange their schedule in accordance with their interests and previous training.

B. EXAMINATIONS

1. *Final or University Examinations* will be held in each major required subject of the curriculum. Grades attained in these examinations will be entered in the students' records, and will be the only grades used in determining aggregate standing.

To qualify for the University examinations the student must have fulfilled the following conditions:

Anatomy: must have completed three terms of instruction in the subject and have passed all the required course examinations.

Histology and Embryology: must have satisfactorily completed three terms of instruction in the subject and have passed all required course examinations.

Physiology: must have satisfactorily completed five terms of instruction and have passed all required course examinations.

Biochemistry: must have completed two terms of instruction and have passed all course examinations in the subject.

Pharmacology: must have satisfactorily completed one term of instruction.

Bacteriology: must have completed a course in Bacteriology *and* must have taken at least six terms of clinical instruction.

Pathology: must have completed at least six terms of work in the subject.

Public Health: must have completed the course and have taken at least four terms of clinical instruction.

Medicine: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Medicine. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Surgery: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Surgery. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Obstetrics: both written and practical examinations may be taken on the completion of nine terms of clinical instruction.

2. *Departmental or Course Examinations*, i.e., examinations held during, or at the conclusion of individual courses in any subject and for the purpose of determining the students' progress and fitness to proceed in a given subject.

The following special regulations have been adopted in respect to course examination in the clinical subjects:

1. *Pathology*—A course examination on the termination of the course in General Pathology (9th term).
2. *Medicine*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination in the 3rd and an oral examination at the end of the 4th year. Written examinations in Therapeutics and Psychiatry will be held during the 4th year.
3. *Surgery*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination at the end of the fourth year.
4. *Obstetrics*—An oral examination at the end of the course of didactic lectures in the 3rd year; and an oral and practical examination at the end of each term in the 4th year.

To qualify for the Final Examinations leading to the degree, a student must have passed the course examinations in the required subjects of the clinical group, and must have satisfactorily completed the prescribed courses of study and practice in:

I. Ophthalmology.
II. Oto-Laryngology.
III. Psychiatry.
IV. Infectious Diseases.
V. Anæsthesia.
VI. Pathological Anatomical Technique and methods of Post Mortem Examination and Diagnosis.
VII. Public Health Survey.

The Final Examinations in Medicine, Surgery and Obstetrics must all be passed at one time, but a student who fails in one of these subjects only may, at the discretion of the Faculty, be allowed a re-examination in that subject at the next regular examination period, provided that he shall have satisfactorily completed such additional work as may be prescribed by the Head of the Department concerned.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

At the end of the Spring Term, the Promotion Committee will consider the cases of all students who at the conclusion of their third term are reported by their instructors as having fallen below the grade of C and shall determine whether such students are to be allowed to continue, warned, required to repeat the course or courses, or to retire from the Faculty.

NOTE:—The "Required Courses," together with suitable "Elective Courses" in the second year, will qualify a candidate for the First (Primary) Examination for Fellowship in the Royal College of Surgeons of England and for the Primary Examination for Fellowship in the Royal College of Physicians and Surgeons of Canada.

C. GRADING

At the conclusion of each course, students will be graded in five groups, as follows:—

A = Excellent
B = Good
C = Fair
D = Doubtful
E = Failure

In reporting the grading, the names of those students who attain "A" standing shall be arranged in order of merit; in all other grades the arrangement shall be alphabetical.

The grade assigned to a student shall be based upon the result of the Final Examination, but the instructor will also take into account the record of the work done throughout the course.

The quality of the English used by a candidate will be taken into account in determining his standing in all examinations.

MEDALS, PRIZES, FELLOWSHIPS AND SCHOLARSHIPS

MEDALS

The Holmes Gold Medal, founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., one time Dean of the Faculty of Medicine, is awarded to the student graduating with the highest aggregate number of marks in the different branches comprised in the medical curriculum.

The student who wins the Holmes Medal has the option of exchanging it for a bronze medal and the money equivalent of the gold medal.

The Wood Gold Medal, founded by Casey A. Wood, M.D., LL.D., awarded to the student graduating with the highest aggregate number of marks in the clinical examinations of the Final Year. The winner of the Holmes Medal is not permitted to compete for this medal.

The Sutherland Gold Medal, founded in 1878 by the late Mrs. Sutherland, in memory of her late husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty, is awarded for the best examination in Biochemistry, together with a creditable examination in the primary branches.

The Lieutenant-Governor's Silver Medal, to be awarded to the student of the final year, who in the opinion of the head of the Department of Public Health and Preventive Medicine, is most proficient in that subject.

The Lieutenant-Governor's Bronze Medal, to be awarded to the student who obtains the highest standing in the Final Examination in Physiology.

PRIZES

The Joseph Hils Prize. (Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.)—A prize in books, awarded to the student who obtains the highest number of marks in the subject of Pharmacology.

The Joseph Morley Drake Prize. (Founded by the late Joseph Morley Drake, M.D.).—A prize in books, to be awarded to the student who obtains the highest number of marks at the Final Examination in Pathology.

Primary Prize. A prize in books awarded for the best aggregate standing in the subjects of the first division (Anatomy, Histology, Physiology, Biochemistry).

The F. Slater Jackson Prize. An annual prize of $50.00, founded by Mr. and Mrs. H. F. Jackson in memory of their son, the late F. Slater Jackson, M.D. The prize is awarded on the result of a special examination, written and oral, in Histology and Embryology.

The Alexander D. Stewart Prize. An annual prize in books, founded by the late W. Grant Stewart (Arts 1885, Med. 1888) in memory of his brother, the late Alexander D. Stewart (Med. 1888), to be awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise his profession.

Jeanie Forsyth Prize. Under the will of the late Miss Jeanie Forsyth the interest on $1,000 is awarded each year "to a worthy and needy student" who, upon graduation, has shown particular ability in all branches of surgery.

The John Munro Elder Prize. An annual prize of $25.00 founded in 1935 by Aubrey H. Elder, Esq., K.C., in memory of his father, John M. Elder, M.D., C.M., sometime Assistant Professor of Surgery and Anatomy in the Faculty. The prize is awarded on the result of a special examination in Anatomy.

The Canadian Medical Institute prize of $25.00, awarded to the Fifth Year student submitting the best essay on "*Advantages to be derived from an annual periodic health examination.*" The decision to be made by the University. Essays must be submitted not later than May 1st.

FELLOWSHIPS

The A. A. Browne Memorial Fellowship.—The sum of $10,000 was received by the Faculty from the committee of the A. A. Browne Memorial Fund. With this sum a fellowship has been established, to be known as the "A. A. Browne Memorial Fellowship." This fellowship is open to graduates of any recognized Medical School and is for the advancement of medical science, special preference being given to the subjects of obstetrics and gynæcology.

The James Douglas Research Fellowship.—The sum of $25,000 was donated by the late Dr. James Douglas, the proceeds to be devoted to co-ordinated research in the laboratories of pathology in or associated with the University.

The James Cooper Fellowships for the Study of Internal Medicine.—This fund of $60,000 was donated in 1912 by the will of the late James Cooper of Montreal to promote study and research in Internal Medicine.

The John McCrae Fellowship.—A fellowship of approximately $800, founded in 1918 as a yearly donation by Mr. H. J. Fuller, of New York, in memory of the late Lt.-Col. John McCrae, for the purpose of scientific research in Experimental Surgery. Established as a permanent fellowship in 1920 by Mr. Fuller and the Canadian Fairbanks-Morse Company.

The Clara Law Fellowship, founded in 1927 by Mrs. J. R. Fraser for the furtherance of research in the laboratory of the Department of Obstetrics and Gynæcology, is of the value of $1,200 per annum.

The Walter J. Hoare Memorial Scholarship.—A sum of $5,500 has been donated by the late Dr. Charles W. Hoare, a graduate of McGill University, for Scholarships in Medicine, in memory of his son, Walter J. Hoare, who was killed in the Great War. These Scholarships are open annually to pupils of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine.

The Dr. J. Francis Williams Fellowship in Medicine and Clinical Medicine of $500, founded by the late J. Francis Williams, M.D., to be awarded on the result of a special examination open to students of the final year, who have had a high general scholastic standing and who are approved by the heads of the Department of Medicine.

The Dr. J. H. B. Allan Scholarship of $250, founded by bequest of Mrs. Agnes W. Allan, mother of Dr. J. H. B. Allan, to be awarded to the graduate of this Faculty who shall present the best thesis written during his period of residency in one of the teaching hospitals connected with McGill University.

ITALIAN GOVERNMENT SCHOLARSHIP

A Scholarship entitling the holder to a year of study in Rome (free tuition, free lodging and free board) for the 1935-36 session has been offered to McGill University by the Italian Government. Applications should be made in writing to the Registrar, before the 1st of August, 1935.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all of the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for five full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University.

3. No one shall be permitted to become a candidate for the degree who shall not have attended at least one full session at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions or nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE TO PRACTISE

Intending students are reminded that a University degree in Medicine does not in itself confer the rights to practise the profession of medicine. In each Province of Canada and in each one of the United States the right of licensure is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University *requires Canadian students to register with the licensing body of their home province before beginning their medical course.*

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:—

QUEBEC—Dr. J. E. Laberge, 354 St. Catherine Street E., Montreal.

ONTARIO—Dr. H. Wilberforce Aikens, 566 University Avenue, Toronto, Ont.

NEW BRUNSWICK—Dr. S. H. McDonald, 56 Colborne Street, Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. H. D. Johnson, 51 Grafton St., Charlottetown, P.E.I.

MANITOBA—Dr. W. G. Campbell, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. George R. Johnston, Calgary, Alta.

SASKATCHEWAN—Dr. A. MacG. Young, Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. P. Proctor, Vancouver, B.C.

The Registrar for Newfoundland is Dr. T. Mitchell, St. John's, Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF GREAT BRITAIN

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

COURSES OF INSTRUCTION

ANATOMY

THE ROBERT REFORD PROFESSOR:—

ASSISTANT PROFESSOR:—J. S. BAXTER

LECTURERS:—G. P. MATTHEWS, H. E. MACDERMOT

SENIOR DEMONSTRATOR:—D. S. FORSTER

DEMONSTRATORS:—F. D. ACKMAN, E. H. CAYFORD, J. R. DEAN, H. M. ELDER, A. J. B. HEBERT, J. R. LOCHEAD, S. J. MARTIN, H. G. PRETTY, J. G. QUACKENBUSH, H. G. ROSS, J. C. SUTTON

The Required Courses in Anatomy are given in the first three terms of the Medical Course.

Required Courses

1. Lecture Course in Gross Anatomy.

Three hours weekly through the Autumn, Winter and Spring Terms.
Professor Baxter.

Text-books:—Gray's "Anatomy" (English Edition); Whitnall's "Study of Anatomy."

Reference books:—Quain, Cunningham, Piersol, Keith's "Human Embryology and Morphology," Keith's "Menders of the Maimed," Hilton's "Rest and Pain," Spalteholz Atlas.

2. Laboratory Course in Gross Anatomy.

Eighteen hours weekly during the Autumn, Winter and Spring Terms.
Professor Baxter and Staff.

Practical Manual:—Walmsley.

Group Classes in Osteology are conducted weekly by the Demonstrators throughout this Course.

3. **Tutorials:** Devoted mainly to the study of surface anatomy and X-ray anatomy.

One hour weekly throughout the session.

Drs. MacDermot and Forster.

4. **Discussions:** Informal class discussions upon problems and difficulties.

One hour weekly throughout the session..... Dr. Matthews.

Elective Courses

Suitably prepared students who desire to proceed to the Primary Examination of any of the Royal Colleges of Surgeons may be provided with facilities for revision in Anatomy.

The Department provides facilities for advanced work and for revision. The head of the Department should be consulted by those desiring to undertake work of this nature.

HISTOLOGY AND EMBRYOLOGY

PROFESSOR:—J. C. SIMPSON

ASSISTANT PROFESSOR—H. E. RAWLINSON

LECTURERS IN HISTOLOGY:—D. J. BOWIE, W. M. FISK

DEMONSTRATOR IN HISTOLOGY:—J. R. DEAN

1. Histology and Embryology.

Two lectures and six hours of laboratory work per week throughout the session.

Lectures —Mon. and Fri. at 2.
Laboratory—Div. A.—Tues. 2--5. Thurs. 9–12.
Div. B.—Tues. 9–12. Thurs. 2–5.

Professors Simpson, Rawlinson, and Staff.

Text-books:—Maximow and Bloom, "Histology"; Arey, "Embryology".
Reference books:—Histology, Lewis and Bremer, Jordan, Bailey, Shaefer; Embryology, Jordan, Simkins, Bailey and Miller.

2. Dental Histology.

A detailed study of the development and structure of the teeth and associated parts.

Six hours a week during the third trimester..... Dr. Bowie.

PHYSIOLOGY

THE JOSEPH MORLEY DRAKE PROFESSOR:—JOHN TAIT
RESEARCH PROFESSOR:—BORIS P. BABKIN
ASSISTANT PROFESSOR:—N. GIBLIN
LECTURER:—S. DWORKIN

Required Courses

1. **Introductory Course**—Lectures and Demonstrations.
In this course, which is comprehensive rather than detailed, the general principles of the subject are dealt with.
Three hours a week during the first half session, and two hours a week during the second half session.
Text-books:—Bainbridge & Menzies, Best & Taylor, Halliburton, Howell.

2. **Intermediate Course**—Lectures, Demonstrations and Laboratory. Three lectures, one demonstration and six hours of laboratory work a week. Autumn Term.
The more detailed description of the nervous system and sense organs forms a part of this course. The accompanying laboratory course consists of experiments on surviving parts of the frog and on the human subject.
Laboratory manual:—Sharpey-Schäfer, "Experimental Physiology."

3. **Senior Course**—Lectures, Demonstrations and Mammalian Laboratory.
During these lectures the survey of the subject for undergraduate medical purposes is completed. The laboratory work accompanying the course involves a more advanced operative and instrumental technique.
Three lectures, one demonstration and six hours of laboratory work a week. Winter Term.
Laboratory manual:—Sherrington, "Mammalian Physiology."
Text-books:—Howell, Macleod, Starling.

Elective Courses

4. **Lectures on Selected Advanced Topics.**
Professors Babkin and Giblin.
During each year a variety of subjects is handled. As these vary from year to year, the titles will be announced at the commencement of the Autumn Term. The lectures are held twice a week throughout the Graduate Faculty teaching session. For elective purposes special parts of the course may be separately attended.

5. **Applied Physiology.**
This course is designed for second year medical students who are interested in the clinical applications of the physiological knowledge they have obtained from the regular undergraduate courses. One lecture-demonstration per week during the Autumn Term, three hours of advanced laboratory per week during the Winter Term.
Dr. Dworkin.

Courses only for Graduate Students.

6. **Lectures on Structure and Function**.....Professor Tait.
7. **Advanced Laboratory.**
8. **Physiological Colloquium.**

PSYCHOLOGY

PROFESSOR OF ABNORMAL PSYCHOLOGY:—J. W. BRIDGES
ASSISTANT PROFESSOR OF ABNORMAL PSYCHOLOGY—
K. M. BANHAM BRIDGES

Elective Courses

1. **Normal and Abnormal Psychology.** Psychophysiological standpoint, the relation of abnormal to normal mental life and behaviour, the mechanism of behaviour and the physical basis of consciousness, theories of the unconscious, the motivation of behaviour, association and dissociation; imitation, suggestion, instinct, habit, emotion, memory, intelligence, character, temperament, and their abnormalities.
Text-book:—Bridges, J. W., Psychology, Normal and Abnormal.
Two lectures a week. Autumn Term.....Professor J. W. Bridges.

The following are one term courses open to students in the Third, Fourth and Fifth Years and to graduates.

2. **Mental Measurements.** Intelligence tests, ratings of character and temperament, and other mental examination methods.
The course will include practice in giving tests:
This course is intended for students specializing in psychiatry.
By arrangement.....Prof. J. W. Bridges.

3. **Child Psychology.** Aspects of mental development, with special reference to the pre-school child. The course will include practical observations in the Montreal Foundling Hospital.
This course is intended for students specializing in pædiatrics.
By arrangement.....Prof. K. M. B. Bridges.

4. **Psychology in Industry.** The selection of employees, the worker's efficiency, and his adjustment to his task.
This course is intended for students specializing in Industrial Medicine.
By arrangement.....Prof. J. W. Bridges.

BIOCHEMISTRY AND PATHOLOGICAL CHEMISTRY

PROFESSOR:—J. B. COLLIP

ASSOCIATE PROFESSOR:—D. L. THOMSON

ASSISTANT PROFESSOR:—HANS SELYE

LECTURERS:—R. L. KUTZ, L. I. PUGSLEY

LECTURERS IN PATHOLOGICAL CHEMISTRY:—J. S. L. BROWNE, E. H. MASON, I. M. RABINOWITCH

DEMONSTRATOR:—O. F. DENSTEDT

The Department offers, in addition to the required lecture and laboratory course, an elective course in Endocrinology; other courses are described in the Announcements of the Faculties of Arts and Science, and of Graduate Studies and Research.

1. General Physiological Chemistry:

(a) Lectures: Monday, Wednesday, Friday at 9.

(b) Laboratory: Six hours weekly, Monday morning and Thursday afternoon, or Tuesday afternoon and Friday morning.

Text-books:—Bodansky, "Introduction to Physiological Chemistry" (Wiley); Cameron, "Text-Book of Biochemistry" (Macmillan); Cameron and Gilmour, "Biochemistry of Medicine" (Churchill); Wright, "Applied Physiology" (Oxford Univ. Press). A synopsis of the laboratory course is issued by the Department.

This course is given in the Autumn and Winter terms.

2. Endocrinology:

Lectures: Monday, Friday at 2.

Text - book: — Cameron, "Recent Advances in Endocrinology" (Blakiston).

PATHOLOGY

STRATHCONA PROFESSOR:—HORST OERTEL

ASSOCIATE PROFESSOR:—L. J. RHEA

ASSISTANT PROFESSOR:—T. R. WAUGH

LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

LECTURER:—J. E. PRITCHARD

LECTURER IN NEUROPATHOLOGY:—W. V. CONE

ASSISTANT DEMONSTRATORS:—
D. E. COBURN
M. A. HICKEY
S. W. LIPPINCOTT
W. d'A. MAYCOCK
R. R. PERREAULT
D. R. ROSS

CURATOR OF MUSEUM:—W. H. CHASE

PREPARATOR:—J. GIROUX

NOTE: Students for the degree of Doctor of Medicine are advised to commence the study of Pathology at the beginning of their clinical instruction, i.e., in the Third Year, and pursue it in the following order:

First: General Pathology, with its laboratory course in general pathological anatomy and histology (Courses A1 and A2).

Second: Special Pathology (Course B1), including the special didactic courses on the diseases of the blood forming organs, the more important ductless glands, and of the nervous system (Courses B2, B3, B4), with the laboratory course in special pathological anatomy and histology (Course B5), and also to attend the demonstrative courses and practical exercises in pathological anatomical methods (Course B6).

It is desirable that students should continue to attend the demonstrative courses and practical exercises in pathological anatomy and choose from the electives throughout the rest of their study. Students may find it advantageous to refresh their minds during their later clinical years in certain parts of General and Special Pathology in which they are interested by returning to the didactic lectures in General and Special Pathology in addition to taking up some of the electives.

A study room has been set aside in the Pathological Institute more particularly for the students of Special Pathology and those under advanced clinical instruction, in which gross and microscopic material illustrative of topics discussed in the didactic lectures are weekly put on exhibition for personal study, at the student's leisure. Museum material may also be requisitioned. This room is open from 9 a.m. to 6 p.m. during the session, and demonstrators will be available for consultation.

Required Courses

I. Didactic Lectures.

A1. General Pathology and Pathological Anatomy.
Two lectures (with epidiascope demonstrations) a week.
Autumn Term—Tuesday and Thursday, 4 p.m.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.....Professor Oertel.

B1. Special Pathological Anatomy and Pathogenesis of the Circulatory, Respiratory, Digestive and Renal Systems.
One lecture with epidiascope demonstrations a week.
Autumn Term—Friday, 4 p.m.
Winter and Spring Terms—Wednesday, 4 p.m.
Pathological Institute.....Professor Oertel.

B2. Diseases of the Blood Forming Organs.
One lecture a week. Autumn Term—Monday, 4 p.m.
Pathological Institute.....Professor Waugh.

B3. Pathological Anatomy of the More Important Ductless Glands.
One lecture a week. Winter Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Chase.

B4. Pathological Anatomy of the Nervous System.
One lecture a week. Spring Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Cone

II. Practical Courses.

A2. Laboratory Course in General Pathological Anatomy and Histology (including the methods of microscopic technique and diagnosis with practical exercises in the living animal, in fresh and in hardened tissues). Six hours weekly.
Winter and Spring Terms—Tuesday and Thursday, 2 p.m.
Pathological Institute, Professor Oertel, Dr. Chase and Demonstrators

B5. Laboratory Course in Special Pathological Anatomy and Histology. Four hours weekly.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.
Professor Waugh, Dr. Chase and Demonstrators.

B6. Demonstrative Course and Practical Exercises in Pathological Anatomical Methods and Diagnosis (including autopsy technique and references to medico-legal practice).
Autumn, Winter and Spring Terms—Saturday morning, 11–12.30.
Pathological Institute.....Professor Oertel.

C1. Performance of Autopsies—Group Instruction.
Autumn, Winter and Spring Terms. Time according to material.
Pathological Institute.....Dr. Chase and Demonstrators.
Montreal General Hospital.....Professor Rhea and Demonstrators.

Elective Courses

B7. Special Pathological Anatomy of Bones.
Spring Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh.

B8. Special Hæmatological Technique.
Lectures and demonstrations on the more important hæmatological methods of examining the blood.
Winter Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh.

C2. Methods of Post-Mortem Examination (including the methods of anatomical description and protocoling). For advanced students and physicians preparing for medico-legal practice. Time to be arranged.
Pathological Institute.....Dr. Chase.

C3. Demonstration and Discussion of Specimens Removed at Operation, (including microscopic diagnosis and interpretation). For advanced students.
Autumn, Winter and Spring Terms—Wednesday, 3 p.m.
Pathological Institute.....Professor Waugh.

Reference Books:—Oertel, Outlines of Pathology (Renouf); Muir, Textbook of Pathology (Arnold); Virchow, Cellular Pathology (transl. by Chance); Cohnherin, Lectures on General Pathology (New Sydenham translation); Wilks and Moxon, Lectures on Pathological Anatomy (Churchill); Coats, Manual of Pathology (Longmans, Green); Virchow, Post Mortem Examinations (transl. by J. P. Smith, Churchill); Coman, Technique of Post Mortem Examination (Renouf).

BACTERIOLOGY AND IMMUNITY

PROFESSOR:—E. G. D. MURRAY
LECTURERS:—FREDERICK SMITH, J. H. GLYNN
DEMONSTRATORS:—T. E. ROY, D. H. STARKEY
ASSISTANT DEMONSTRATOR:—R. P. DOW

Required Courses

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty lectures and 60 hours practical work. Third Term. Available to medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology and Biochemistry; also to students in their third year in Arts and Science reading for the B.Sc. Honours in Bacteriology and Graduate Students.

Course 2. Applied Medical Bacteriology and Immunity and the processes of Infectious Diseases.

20 Lectures and 60 hours practical work. First and Second Terms. Available to Medical Students who have completed two years of clinical work.

Course 3. Bacteriology and Immunity for Honours B.Sc. (daily throughout the year; available only for Honours students in their Fourth year). 160 lectures and 852 hours practical work.

(Full details of the courses can be obtained by application to the Registrar.)

Text-books:—Hans Zinsser and G. Bayne-Jones, Textbook of Bacteriology (Appleton); R. Muir and J. Ritchie, Manual of Bacteriology (Oxford University Press); R. T. Hewlett and James McIntosh, Manual of Bacteriology (Churchill); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere Tindall & Cox); W. H. Park and A. W. Williams, Pathogenic Micro-Organisms (Lea & Febiger); Hans Zinsser, Resistance to Infectious Diseases (Macmillan); W. W. C. Topley and G. S. Wilson, The Principles of Bacteriology and Immunity (Edward Arnold & Co.); W. W. C. Topley, An Outline of Immunity (Arnold); M. Langeron, Precis de Microscopie (Masson & Cie); A. Calmette, L. Negri and A. Boquet, Manuel Technique de Microbiologie et Serologie (Masson & Cie). D. H. Bergey, Manual of Determinative Bacteriology (Williams & Wilkins).

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years. The following subjects are suggested as suitable for the average student.

Second Year—General Zoology; Organic Chemistry; Histology; Elementary Physical Chemistry; Elementary Physiology; Colloid Chemistry.

Third Year—Biochemistry; Physiology; Elementary Medical Bacteriology; General Physiology (Dr. Scarth). In addition Pharmacology and Comparative Anatomy of Vertebrates are optional.

Fourth Year—Bacteriology Course 2.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

PROFESSOR AND DIRECTOR:—A. GRANT FLEMING
STRATHCONA PROFESSOR OF HYGIENE:—T. A. STARKEY
ASSISTANT PROFESSOR:—R. ST. J. MACDONALD
ASSISTANT PROFESSOR OF MENTAL HYGIENE:—W. T. B. MITCHELL
ASSISTANT PROFESSOR OF INDUSTRIAL HYGIENE:—FRANK G. PEDLEY
LECTURER IN MENTAL HYGIENE:—C. M. HINCKS
DEMONSTRATOR IN MENTAL HYGIENE:—BARUCH SILVERMAN
DEMONSTRATOR IN INDUSTRIAL HYGIENE:—R. VANCE WARD

The instruction in Public Health and Preventive Medicine given to the medical undergraduates is designed to meet the requirements of the practitioner in Medicine.

In order that the importance of Public Health and Preventive Medicine may be kept before the student, short courses are given in the First and Second Years. These courses are of an introductory nature and, from a historical background, develop the needs and opportunities for preventive medicine and its social implications.

The Department aims to correlate the teaching of the preventive aspects of medicine with the teaching of other departments in their special field. In addition, those phases of the subject that are not included elsewhere are covered, such as water, milk and food supplies, public health administration, hygiene of the school child, industrial hygiene and mental hygiene.

The course in Mental Hygiene, included in the teaching of the Department of Public Health and Preventive Medicine, attempts to give the student an understanding of what is possible and of what is being done in the way of preventing nervous and mental diseases, delinquency and crime, and social failure. This implies a knowledge of what is normal in the way of behaviour responses at the different stages of the individual development; of how we may recognize and deal with significant deviations from the average response; the factors underlying individual success and failure; the place and the means of introducing mental health principles into home, school, social and industrial situations.

The hygiene of the child of school age includes, for consideration, the chief points of a school health service, its scope, and the duties of the School Medical Officer, a post frequently undertaken by the general practitioner.

Industrial Hygiene deals with the application of the principles of preventive medicine to industry. The various factors which influence the health of work people are discussed, and the means which may be taken to supervise their health and safety are considered.

A health study of the student's home town, or some other place acceptable to the Department, is required before the beginning of the Fifth Year. This study requires individual field work by each student.

Required Courses

1. **Introduction to Public Health and Preventive Medicine.**

 Spring term—Monday, 4 p.m.
 Professors Fleming, Macdonald and Mitchell.

2. **Public Health Organization and Administration.** (Including related community services.)

 Spring term—Wednesday, 9 a.m.
 Professors Fleming, Macdonald and Dr. Silverman.

3. **Mental Hygiene.**

 Autumn term—Tuesday, 3 p.m.....Professor Mitchell.

4. **Practice of Preventive Medicine.**

 Spring term—Monday and Friday, 3 p.m.; Wednesday, 2 p.m.
 Professors Fleming, Starkey, Macdonald and Pedley.

5. **Field Visits, Demonstrations.**

 Spring term—Wednesday, 3 p.m.

6. **Communicable Disease Control.**

 Autumn term—Thursday, 4 p.m. Professors Fleming and Macdonald.

7. **Health Study of a City or Town.**

 To be submitted during the month of October of the final year. The student is later required to review this study with a member of the staff.

Text-books and Reference books:—

The General Field:—Parkes and Kenwood; Rosenau; Park; Fitzgerald.

Industrial Hygiene:—The Health of the Industrial Worker, Collis and Greenwood; Industrial Health, Hayhurst, Emery and Kober; Industrial Poisons in the United States, Hamilton.

Mental Hygiene:—The Mental Hygiene of Childhood, White.

School Hygiene:—The Fundamentals of School Health, Kerr.

PHARMACOLOGY AND THERAPEUTICS

PROFESSOR:—R. L. STEHLE

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

ASSISTANT PROFESSOR OF PHARMACOLOGY:—K. I. MELVILLE

LECTURER IN THERAPEUTICS:—D. GRANT CAMPBELL

LECTURER IN THERAPEUTICS AND DEMONSTRATOR IN PHARMACOLOGY:—W. DE M. SCRIVER

LECTURER IN ANÆSTHESIA:—WESLEY BOURNE

DEMONSTRATOR IN PHARMACOLOGY:—J. B. ROSS

ASSISTANT IN PHARMACOLOGY:—H. C. ELLSWORTH

PHARMACOLOGY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

Required Courses

1. **Pharmacology.** The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.

 Three lectures a week during the Spring Term supplemented by one conference and one demonstration a week.

 The conference groups are limited to four students each.

 Drs. Stehle, Melville and Ellsworth.

2. **Pharmacological Laboratory.** The experiments are chosen to illustrate the lectures of the preceding course.

Two periods (six hours) a week during the Spring Term.

Drs. Stehle, Melville and Ellsworth.

THERAPEUTICS

The teaching of therapeutics will be closely linked with that of medicine. Courses 3, 3a and 4 are intended primarily for the fourth year.

Required Courses

3. **Therapeutics:** Didactic Instruction. A series of approximately 15 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available. These lectures will be given during the Spring Term.

3a. **Therapeutics:** Theatre Lectures. Ten to fifteen clinical lectures to be given in the hospitals during the year in conjunction with the teaching of the Department of Medicine.

Dr. Lewis and Associates.

4. **Pharmacy and Prescription Writing.** Five lectures and five laboratory periods during the Autumn term.

Dr. Scriver.

Text-books in Pharmacology. Cushny, Sollmann, Meyer and Gottlieb, Clark.

Options

Suitably prepared persons may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See Announcement of the Faculty of Graduate Studies.

MEDICINE

PROFESSOR AND DIRECTOR OF THE DEPARTMENT:—JONATHAN C. MEAKINS

PROFESSORS:—CAMPBELL PALMER HOWARD, C. F. MARTIN

ASSOCIATE PROFESSOR:—A. H. GORDON

ASSISTANT PROFESSORS:—MAUDE E. ABBOTT, J. KAUFMANN, D. S. LEWIS, E. H. MASON, C. F. MOFFATT, I. M. RABINOWITCH

LECTURERS:—C. C. BIRCHARD, C. R. BOURNE, E. C. BROOKS, G. R. BROW, J. G. BROWNE, J. S. L. BROWNE, J. R. BYERS, D. G. CAMPBELL, R. V. CHRISTIE, R. H. M. HARDISTY, A. T. HENDERSON, J. F. MCINTOSH, D. W. MCKECHNIE, W. DE M. SCRIVER

DEMONSTRATORS:—L. J. ADAMS, W. W. EAKIN, NEIL FEENEY, A. F. FOWLER, C. W. FULLERTON, KEITH GORDON, C. R. JOYCE, W. R. KENNEDY, H. E. MACDERMOT, J. F. MACIVER, J. L. D. MASON, D. L. MENDEL, E. S. MILLS, LORNE MONTGOMERY, E. V. MURPHY, E. E. ROBBINS, J. B. ROSS, H. N. SEGALL, COLIN SUTHERLAND

ASSISTANT DEMONSTRATORS:—W. W. ALEXANDER, MARGARET E. B. CAMERON, W. C. GOWDEY

PAEDIATRICS

CLINICAL PROFESSOR:—H. B. CUSHING

LECTURERS:—A. GOLDBLOOM, L. LINDSAY, S. GRAHAM ROSS, R. R. STRUTHERS, H. P. WRIGHT

DEMONSTRATORS:—JESSIE BOYD SCRIVER, R. C. STEWART, W. E. WILLIAMS

ASSISTANT DEMONSTRATORS:—A. K. GEDDES, ALAN ROSS, S. J. USHER

PSYCHIATRY

CLINICAL PROFESSOR:—C. A. PORTEOUS

CLINICAL PROFESSOR:—DAVID SLIGHT

DEMONSTRATORS:—B. SILVERMAN, E. C. MENZIES

DERMATOLOGY

CLINICAL PROFESSORS:—P. BURNETT, J. F. BURGESS

LECTURER:—A. A. BRUÈRE

DEMONSTRATORS:—L. P. EREAUX, B. USHER

ASSISTANT DEMONSTRATOR:—DONALD S. MITCHELL

CLINICAL THERAPEUTICS

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

LECTURERS IN THERAPEUTICS:—D. GRANT CAMPBELL, W. DE M. SCRIVER

LECTURERS IN PHYSIO-THERAPY:—F. W. HARVEY, NORMAN BROWN

DEMONSTRATOR IN THERAPEUTICS:—J. B. ROSS

Foreword on the Courses in Medicine. The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease; to afford a knowledge of the technique and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded by the establishment of a modern medical clinic at the Royal Victoria Hospital. In this institution and at the Montreal General Hospital there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The courses in internal medicine and its various branches are so arranged as to give the individual student as much independence as possible in his selection of his instructors and time and place of his required and elective courses. The University lectures and clinical lectures are open to students of all years. The student, therefore, may within wide limits determine the period and scope of his instruction. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

Required Courses

1. A course of University lectures on Pathological Physiology and general medicine will be given in the autumn, winter, and spring terms, on Monday, Wednesday and Friday mornings, from 9 to 10 o'clock. This course of lectures will cover the field of medicine and will be delivered at the University Medical Building, by Professors Meakins, Howard, and Assistants.

1a. Courses of lectures will be given in Psychiatry and Therapeutics on two afternoons a week during the autumn and winter terms.

2. Clinical lectures in general medicine. A course of clinical lectures will be delivered throughout the autumn, winter, and spring terms, on two days a week. The exact hour in the different institutions will be announced from time to time. These clinical lectures will be given in the Royal Victoria Hospital and the Montreal General Hospital, by Professors Meakins, Howard, Gordon, and Assistants.

3. Clinical lectures in pædiatrics. A course of clinical lectures will be delivered in pædiatrics during the autumn, winter, and spring terms, on one day each week, at the Children's Memorial Hospital, by Professor Cushing and Assistants.

4. A course in the technique of physical examination and normal physical signs will be given in the autumn term, two periods a week, from 10.15 to 11.45 a.m., with one clinical lecture per week as a review. This course will be given to groups of students at the Royal Victoria Hospital and the Montreal General Hospital.

5. This course will cover physical examination and abnormal physical signs, the methods of history-taking, and systematic description of the various systems in a logical order. Its objective will be to prepare students for subsequent clinical and bedside work. It will be given in the autumn, winter and spring terms, four periods a week of two hours each, from 10.15 to 12.15, to groups of students, at the Royal Victoria Hospital and the Montreal General Hospital.

6. A course in clinical microscopy will be given in the autumn term only. There will be two laboratory periods a week, from 2 to 4 p.m., on

Mondays and Fridays, in the Pathological Institute. This course will be organized so as to give instruction and practice in microscopy as applied to clinical medicine.

Doctor Kaufmann and Assistants.

7. A course in clinical medicine with case reporting and bedside clinics will be given in the autumn, winter and spring terms, to groups of students at the Royal Victoria Hospital and Montreal General Hospital. Each course will occupy five days a week from 9 a.m. to 3.45 p.m.

Professors Meakins, Gordon and Assistants.

8. A clinical course in pædiatrics will be given during the autumn, winter, and spring terms. This course will have the following divisions:

(a) Diseases of the New-Born—Royal Victoria Montreal Maternity Pavilion.

(b) Normal Infant-Feeding and Development—Montreal Foundling Hospital.

(c) General Pædiatrics—Children's Memorial Hospital, Royal Victoria Hospital, and Montreal General Hospital.

(d) A Series of demonstrations to groups of students on the ordinary acute infectious diseases will be given at the Alexandra Hospital.

Professor Cushing and Assistants.

This course in its divisions will be given to groups of students.

9. A clinical course in Mental Medicine will be given in the autumn, winter and spring terms. This course will have the following divisions:

(a) Theatre clinics and bedside clinics on neuroses, psychoses and border line cases during the final year at the Royal Victoria and Montreal General Hospitals.

(b) One period a week during one term will be devoted to clinical demonstrations in Mental Hygiene at the Mental Hygiene Institute..... Professor W. T. B. Mitchell and assistants.

(c) A certificate of one week's attendance at a Mental Hospital and the submission of three case reports. The attendance may be at any hospital approved by the department.

10. A clinical course in dermatology will be given in the autumn, winter and spring terms of one period a week at the Royal Victoria and Montreal General Hospitals..... Drs. Burnett and Burgess.

11. A course in clinical therapeutics will be given in the autumn, winter, and spring terms, of one period a week, one and one-half hour's duration, at the Royal Victoria Hospital and the Montreal General Hospital, by Professor Lewis and Dr. D. Grant Campbell.

11a. **Physio-Therapy.** Three lectures and three periods of group instruction at times to be arranged. Drs. Lewis, Brown and Harvey.

12. In the student's final year he becomes virtually a member of the Externe Staff of the teaching hospitals. He may elect to be allotted to the various services in the hospital in the capacity of clinical clerk, participating in the keeping of records, diagnosis and treatment of patients in the wards and Out-Patient Department, and the laboratory duties. He will accompany the physicians in their daily rounds, attend autopsies and report on them to his teachers.

Elective Courses

13. **Physio-Therapy (Practical):** A course of lectures and demonstrations dealing more fully with the application of physical methods to the treatment of disease. Drs. Brown and Harvey.

14. **Therapeutics:** A series of ten evening lectures on certain special aspects of medical treatment will be offered if a sufficient number apply. These lectures will be given by those having a special interest in the various topics, and will be open to students and graduates.

Elective courses for advanced work are offered in the following subjects: Neurology, psychiatry, dermatology, clinical pathology, cardiology, hæmatology, diseases of the lungs, gastro-intestinal diseases, et cetera. The details of these elective courses will be announced at the beginning of each session.

It will be necessary for each student, in addition to taking the required courses, to choose a certain number of elective courses, the number chosen depending upon which elective courses are taken.

Text and Reference Books

General Medicine:—McLeod, "Physiology and Biochemistry in Modern Medicine"; Lewis, "Clinical Electrocardiography" and "Clinical Disorders of the Heart"; Meakins and Davies, "Respiratory Function in Disease"; Todd, "Clinical Methods"; Flint, "Physical Diagnosis"; Cabot, "Physical Diagnosis"; Thompson, "Elements of Surface Anatomy"; Lusk, "Science of Nutrition"; McLester, "Nutrition and Diet in Health and Disease", Krehl, "Basis of Clinical Symptoms"; Osler's "Practice of Medicine"; Cecil's "Text-book of Medicine"; Nelson's "Loose-Leaf System of Medicine"; Oxford, "Loose-Leaf System of Medicine"; Appleton's "Practitioner's Library of Medicine and Surgery"; Dieulafoy, "The Text-book of Medicine"; Strumpell, "Text-book of Medicine for Students and

Practitioners"; Mackenzie, "Diseases of the Heart"; Purves Stewart, "Diagnosis of Nervous Diseases"; Bassler, "Diseases of the Stomach and Intestines"; "Pharmacopœa of the Teaching Hospitals." Musser, "Internal Medicine."

Pædiatrics:—Holt and Howland; Dennet; Feer, Still; Porter and Carter; Morse and Talbot; Alan Brown, H. P. Wright, "Essentials of Infant Feeding."

Psychiatry:—White, "Outlines of Psychiatry"; Kraeplin, "Clinical Psychiatry"; Wimmes Hoisholt, "Psychiatric Neurological Examination Methods"; Jeliffe and White (1923 Ed.), "Diseases of the Nervous System."

Dermatology:—Stellwagon; Walker's Introduction to Dermatology; Hartzell; McLeod; Darier; Campbell; Shamberg; Sutton.

HISTORY OF MEDICINE

PROFESSOR:—SIR ANDREW MACPHAIL

A course of fifteen lectures will be given upon the History of Medicine to inform undergraduates in the Faculty upon the progress of the science. It is the intention to examine the causes which produced the varying conceptions of medicine in times past, rather than burden the student with a narration of facts and a recital of biographies.

NEUROLOGY AND NEUROSURGERY

PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—WILDER PENFIELD

CLINICAL PROFESSORS OF NEUROLOGY:—COLIN RUSSEL, F. H. MACKAY

ASSISTANT PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—WILLIAM CONE

LECTURERS IN NEUROLOGY:—DONALD MCEACHERN, J. N. PETERSEN, A. W. YOUNG, N. VINER

LECTURER IN NEUROSURGERY:—A. R. ELVIDGE

DEMONSTRATOR IN PÆDIATRIC NEUROLOGY—H. M. KEITH

ASSISTANT DEMONSTRATOR IN NEUROSURGERY:—THEODORE C. ERICKSON

ASSISTANT DEMONSTRATOR IN NEUROPATHOLOGY:—W. T. GRANT

ASSISTANT DEMONSTRATOR IN NEUROPHYSIOLOGY:—G. STAVRAKY

RESEARCH FELLOWS IN NEUROLOGY AND NEUROSURGERY: WILLIAM GIBSON, WEBB HAYMAKER, NATHAN NORCROSS, I. TARLOV, FRANCIS MCNAUGHTON

RESEARCH CLINICAL FELLOWS IN NEUROSURGERY:—J. SANCHEZ PEREZ, LISTER REID

RESEARCH FELLOW IN ROENTGENOLOGY:—A. E. CHILDE

The Department of Neurology and Neurosurgery co-operates intimately with the Departments of Medicine and Surgery in their regular teaching.

In addition the following elective courses are offered:

1. Case Presentations. Diseases of the Nervous System
Outpatient Department, Royal Victoria Hospital, Tuesdays at 3.00 p.m. *Dr. Penfield.*

2. The Anatomical Basis of Clinical Neurology. Lectures and microscopic demonstrations. Neurological Institute. *Dr. Petersen.*

SURGERY

PROFESSOR AND DIRECTOR OF THE DEPARTMENT:—
E. W. ARCHIBALD

PROFESSORS:— A. T. BAZIN; E. M. EBERTS

ASSISTANT PROFESSORS:— W. L. BARLOW; C. K. P. HENRY; F. A. C. SCRIMGER

LECTURERS:— F. B. GURD, F. E. MCKENTY; F. J. TEES

LECTURER IN ANÆSTHESIA:—W. B. HOWELL

LECTURER IN RADIOLOGY:—W. L. RITCHIE

DEMONSTRATORS:— JOHN ARMOUR, E. B. CHANDLER, G. A. FLEET, GUY JOHNSON, R. R. FITZGERALD, MARK KAUFMANN, L. H. MCKIM, G. GAVIN MILLER, DUDLEY ROSS, A. STEWART, A L. WILKIE

DEMONSTRATORS IN ANÆSTHESIA:— J. W. ARMSTRONG; C. C. STEWART

ASSISTANT DEMONSTRATORS:— HOWARD DAWSON, H. M. ELDER, C. A. MACINTOSH, H. GURTH PRETTY, ALBERT ROSS, P. G. SILVER

UROLOGY

CLINICAL PROFESSORS:— D. W. MACKENZIE; F. S. PATCH

LECTURER:—R. E. POWELL

DEMONSTRATORS:— M. SENG; A. B. HAWTHORNE

ASSISTANT DEMONSTRATOR:—A. B. WALLACE

ORTHOPAEDIC SURGERY

CLINICAL PROFESSORS:— W. G. TURNER; J. A. NUTTER

LECTURER:—W. J. PATTERSON

DEMONSTRATOR:—N. T. WILLIAMSON

Foreword on the Courses in Surgery. Instruction in Surgery (and in the surgical specialties) is imparted in the form of didactic lectures, theatre clinics, ward and out-patient teaching.

The *didactic* lectures are not designed to cover the whole field of general and special surgery, but rather to present the principles of the more important surgical diseases and injuries. Surgery as a whole must be studied in the recommended text books. The early lectures of this course, being introductory, are offered particularly to students who are beginning their clinical work (7th term). They deal with the fundamental principles of inflammation, wound healing, new growths and congenital abnormalities.

The *theatre clinics* in both hospitals will demonstrate, in so far as is possible, the whole field of general surgery and the surgical specialties. In the earlier terms instruction will be given in the commoner ailments of general surgery, while during the later periods the special subjects of orthopædics, genito-urinary-surgery, neuro-surgery and thoracic surgery will be given a due proportion of the time.

In the *wards and out-patient departments*, instruction can be given to smaller groups. In these classes one may more readily differentiate elementary instruction from that given to more advanced students. In other words, to the junior group are taught the principles of careful history taking, of physical examination and of accurate observation. Later comes instruction in minor surgery, the dressing of wounds, bandaging and the application of splints; while to the advanced students is demonstrated major surgery from selected cases in the wards and operating theatre. Such advanced students are given patients in rotation and become ward dressers. The specific duty is laid upon them of recording the case histories, making all necessary examinations and laboratory tests, and of assisting at operations. Group teaching at the bed-side, and ward rounds are added to their training, and they are given all the privileges of an externe of the surgical service.

Required Courses

1. Didactic Lectures.

Three times weekly for the first two terms, 9–10 a.m., in the Medical School Professor Archibald and Staff.

2. Theatre Clinics.

Twice weekly throughout the session, 12.45 p.m., at both general hospitals.

These clinics are open to all students from the seventh term onwards.

Professors Archibald and Bazin and Staff.

3. **Ward and Out-Patient Instruction.**

Four times weekly, 10.30 a.m. to 12 noon, in groups to be arranged in both general hospitals.

Independent ward work can be done by those to whom cases are allotted at any time during the day excepting the meal and visiting hours.

4. **Surgical Specialties.**

The surgical specialties are taught in the later periods, to some extent in didactic lectures and theatre clinics, but chiefly in the wards and out-patient departments.

5. **Anæsthesia.**

Didactic lectures and laboratory demonstrations of anæsthesia are given by the Department of Pharmacology and Therapeutics to the students of the earlier clinical years, while practical instruction in the administration of anæsthetics is given in the hospital to the more advanced students. Every student is obliged to furnish a certificate of having given at least six anæsthetics under supervision.

Text-books:—

1. *General Surgery:* John Homans, "A Text-book of Surgery." Choyce, C. C., "A System of Surgery"; Thomson and Miles, "Manual of Surgery"; Gask and Wilson, "Surgery"; Hamilton Bailey, "Demonstrations of Physical Signs in Clinical Surgery."

2. *Emergency Surgery:* Sluss, John W., "Manual of Emergency Surgery."

3. *Surgical Anatomy:* McGregor, "Synopsis of Surgical Anatomy." Treves, "Surgical Applied Anatomy."

4. *Fractures:* Scudder, Charles L., "Treatment of Fractures"; Wilson and Cochrane, "Fractures and Dislocations."

5. *Case Reporting:* White, J. Renfrew, "The Clinical Examination of Surgical Cases."

6. *Urology:* Keyes' Urology, Mackenzie, "Surgery of the Bladder" (Oxford Press).

Collateral Reading: Hinman, The Principles and Practice of Urology; Cabot, Modern Urology; Lewis, System of Surgery, vols. 8-9; Eisendrath and Rolnick, Urology; Young, Urology; Stokes, Modern Clinic Syphilology.

7. *Orthopædic Surgery:* Whitman's "Orthopædic Surgery"; Fraser, "Tuberculosis of Bones and Joints of Children"; Tubby and Jones, "Surgery of Paralysis"; Jones, "Orthopædic Surgery of Injuries"; Jones and Lovett, "Orthopædic Surgery."

OBSTETRICS AND GYNAECOLOGY

PROFESSOR AND CHAIRMAN:—J. R. FRASER

CLINICAL PROFESSORS:—H. C. BURGESS, J. W. DUNCAN, J. R. GOODALL

LECTURER:—W. A. G. BAULD

DEMONSTRATORS:—A. D. CAMPBELL, DOUGLAS GURD, G. C. MELHADO, IVAN PATRICK, ELEANOR PERCIVAL

CLARA LAW FELLOW AND DEMONSTRATOR:—P. J. KEARNS

ASSISTANT DEMONSTRATORS:—STEWART HENRY, N. W. PHILPOTT, C. V. WARD

The entire course is arranged on the basis of imparting a practical knowledge of Obstetrics, Gynæcology and the Care of the New-born. Throughout all trimesters the value of intimate contact with the patient in the normal and the pathological state is stressed.

The privilege of serving as an interne in the hospital for two weeks treating the patients from the time of delivery till discharge from hospital is an ideal arrangement. Each student serves in the ante-natal clinics in the city.

OBSTETRICS

Required Courses

1. An introductory course of thirty lectures on the fundamental principles of the subject dealing with the Anatomy, Embryology, Physiology and Pathology of the Pelvic Organs.
The Medical School. Three times a week—Spring Term.
Professor Fraser.

2. **Clinical instruction** during the year in the Royal Victoria Montreal Maternity Pavilion, including the conduct of labor and the puerperium in case room and wards, together with ante-natal care in the out-patient department.
Autumn, Winter and Spring Terms.

3. **Special courses in obstetrical palpation** and on the mannikin daily throughout the session with the aid of models, diagrams and lantern slides. Autumn, Winter and Spring Terms.

4. **Clinical conference** once weekly in the theatre throughout the year for the entire class, where living cases are presented illustrating the more important obstetrical conditions.

Autumn, Winter and Spring Terms.

5. **Group Instruction.** The teaching in the final year is conducted entirely by senior teachers.
Small groups of students are instructed in the Wards, Case Rooms and Out-patient Department in methods of examination, problems of delivery and the principles of treatment.

6. **Lecture Demonstrations** in the theatre are held daily during each term on the following subjects:—

A. Normal Labor Dr. Melhado.
B. Puerperal Infection Dr. A. D. Campbell.
C. Hæmorrhages of Pregnancy. Labor and the Puerperium.
Professor Duncan.
D. Toxæmia of Pregnancy Professor Goodall.
E. Dystocia Professor Burgess.

7. **Care of the New-born.** Drs. Ross & Struthers.
The clinical demonstration once weekly throughout the year by the Pædiatrician in charge of the New-born, is intended to provide a clear and concise survey of the physiology and pathology of the New-born. Particular emphasis is laid on infant feeding and neonatal disease.

8. **The Staff Conference** held once a week is arranged to give a complete account of the work of the hospital.

NOTE: Rooms are provided in the new pavilion where the students may reside, in groups of six, for a period of two weeks. During his period of interneship the student will under supervision deliver patients both in hospital and at their homes, and will undertake the medical care of mother and child during the puerperium.

GYNAECOLOGY

1. Theatre clinics and bedside instruction in the Royal Victoria and Montreal General Hospitals. Professor Fraser, Dr. Campbell and Staff.

2. A special course on Gynæcological Pathology Dr. P. J. Kearns.

3. Methods of Gynæcological examination, diagnosis and treatment in the outdoor departments.

4. A special course of instruction, once a week, throughout the year in the cancer clinic on methods of diagnosis and treatment of cancer, dealing especially with Radium and X-Ray Dr Bauld and Staff.

Text and Reference Books

Obstetrics

(1). De Lee	Principles and Practice of Obstetrics.
(2). Williams	Text book on Obstetrics.
(3). Ten Teachers	Midwifery.
(4). Harper	Clinical Obstetrics.
(5). Bourne	Synopsis of Midwifery and Gynæcology.
(6). Johnson, R. W.	Text book of Midwifery.
(7). Bland	Practice of Obstetrics.
(8). Miller, J.	Manual of Obstetrics.
(9). Appleton	Obstetrical and Gynæcological Monographs.
(10). Peterson	Demonstration Course in Obstetrics.

Gynæcology

(1). Graves	Text book of Gynæcology.
(2). Curtis	Text book of Gynæcology and System of Gynæcology and Obstetrics.
(3). Ten Teachers	
(4). Monroe Kerr	Gynæcology.
(5). Blair Bell	Principles of Gynæcology.
(6). Kelly, Howard	Text book of Gynæcology.
(7). Goodall	Puerperal Infection.
(8). Crossen	Gynæcology.

OPHTHALMOLOGY

PROFESSOR:—W. GORDON M. BYERS

CLINICAL PROFESSORS:—S. H. McKEE, F. T. TOOKE

DEMONSTRATORS:—A. G. McAULEY, J. A. MacMILLAN

ASSISTANT DEMONSTRATORS:—A. BRAMLEY-MOORE, STUART RAMSEY, J. ROSENBAUM

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses:—

1. Routine examination of the eye.

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call

for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours.....Professors Byers and members of the Staff.

2. **Lecture demonstrations.**

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential concepts for the clinical work of the Fifth Year.

Ten hours.....Professor Byers.

3. **Clinical Ophthalmology.**

In the Final Year, the entire available time is devoted to an intensive study of the ocular problems that are of greatest moment in general practice—the external diseases of the eye, and the main ophthalmoscopic findings in systemic disorders and affections of the nervous system; with practical lessons in ophthalmic nursing and first aid. This work is conducted in the ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals.

Professors Byers, McKee, Tooke and Staff.

Text-books:—Parsons, May, Swanzy, De Schweinitz, Fuchs.

OTO-LARYNGOLOGY

LECTURERS:—D. H. BALLON, G. E. HODGE

DEMONSTRATORS:—K. O. HUTCHISON, W. J. MCNALLY, B. F. MACNAUGHTON, J. E. TREMBLE, R. P. WRIGHT

Instruction in Oto-Laryngology is given to students of the third, fourth and fifth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Third Year:

An introductory course of five demonstrations is given to students of the third year. These demonstrations deal with the normal anatomy of the ear, nose, throat, and with methods of examination. An opportunity is also afforded of studying rœntgenograms of normal and pathological nasal accessory sinuses and mastoids.

Fourth Year:

Five practical demonstrations are given on the common pathological conditions of the ear, nose, and throat.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the œsophagus.

Professor————

Fifth Year:

Ten clinical demonstrations are given in the out-patient departments and wards of the hospitals. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books:—Sir St. Clair Thomson: Diseases of the Nose and Throat; Turner A. Logan: Diseases of the Nose, Throat and Ear; Chevalier Jackson and G. M. Coates: The Nose, Throat and Ear and Their Diseases; Philip O. Kerrison: Diseases of the Ear; Chevalier Jackson: Bronchoscopy, Oesophagoscopy and Gastroscopy; D. H. Ballon: Chapters on Bronchoscopy and Oesophagoscopy in Surgical Diseases of the Chest by Evarts A. Graham, J. J. Singer, Harry C. Ballon.

GRADUATE INSTRUCTION

1. Any graduate who so desires may attend any of the regular undergraduate courses. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. **Special graduate work** is offered in every department, both in the laboratories and in the clinics, at any period during the year, provided the graduate is willing to assign himself for serious work to one service. Application for this privilege should be made to the Dean or to the Head of the Department in which the graduate desires to occupy himself.

Vide under heading of "Departments of Physiology, Pathology, Anatomy, Hygiene, etc."

3. **Course for Diploma of Public Health:** This course is specially designed as a thorough training for medical men undertaking the duties of a Medical Officer of Health.

The duration of the course is at least eight months (October 1st to May 31st).

The curriculum is as follows:—

(a) A course of lectures dealing in a comprehensive manner with the general principles of public health and preventive medicine.

(b) Bacteriology—a full practical course in general bacteriology, with special application to public health.

(c) (1) *Sanitary Chemistry*. Examination of air, water and water supplies in general, the commoner foods and beverages, sewage and sewage effluents, etc.; chemical investigations connected with trades and occupations; (2) *Physics*. General principles only in their application to hygiene.

(d) Practical public health work. An extended course under a M.O.H., affording facilities for instruction in public health relating to housing, factories, work-shops and industrial establishments, schools, waterworks, sewage plants, refuse distribution, abattoirs, dairies and milk stations, welfare centres, etc.

(e) Public health legislation and administration. Statutes and by-laws relating to public health and the powers of health authorities; administration of the office of a Medical Officer of Health.

(f) Vital statistics. Calculation and tabulations of returns of births, marriages and deaths and diseases.

(g) Meteorology and climatology; geographical and topographical distribution of disease.

Candidates for this diploma may claim exemption in any of the above subjects on presentation of adequate certificates.

Qualification for the diploma includes a knowledge of communicable diseases, of child hygiene and mental hygiene, the use of meteorological, hygienic and sanitary apparatus.

The successful candidate must further know the appearance of healthy and diseased tissues of animals, and their microscopic examination.

Finally, he must show a capacity to formulate a report on public health conditions in an actual locality and make annual and other reports as required by Officers of Health.

These examinations are written, oral and practical.

The fee for the course is $150.00 for British Subjects and $200.00 for non-British Subjects.

4. Special Courses. Graduates desiring instruction in any special branch of Public Health and Preventive Medicine, such as School Health Services and Industrial Hygiene, should apply to the Head of the Department. Courses will be arranged, suitable for the applicants, in order that they may receive full benefit from the time devoted to the course.

BUILDINGS

THE MEDICAL BUILDING

This Building, erected in 1911, at a cost of over $600,000, contains the Offices of Administration, the Medical Library (with its 48,000 volumes, its Reading Rooms and their complete set of technical journals), the Departments of Anatomy, Histology, Hygiene, Pharmacy, and the magnificent Museums of Anatomy, Pathology and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department.

The Department of Histology and Embryology, too, has excellent facilities, with laboratory space for 120 students, and smaller laboratories for research.

THE BIOLOGICAL BUILDING

Completed in 1922 at a cost of over $500,000, this edifice was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. This extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Biochemistry, Physiology and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the Laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This Building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital by a tunnel, is situated on the Northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology, Bacteriology and Medical Jurisprudence, and includes a Pathological Museum and museum workshops. It combines under one roof, quarters for teaching and research in these departments, both for the

University and for the Royal Victoria Hospital. From the latter is drawn chiefly its material. It was constructed at a cost of $460,000; is of Montreal limestone; its main front is 242 feet long; the north end is 77 feet wide and the south end 60 feet. It provides ample facilities and equipment for instruction of students, and the research work of the Staff.

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and Neuro-surgery, which conducts both undergraduate and graduate teaching in the Faculty of Medicine. In addition to wards, operating rooms, laboratories, etc., the building provides complete residential accommodation for eight fellows.

HOSPITALS

Few medical schools on this Continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical School is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:—

Royal Victoria Hospital.
Montreal General Hospital.
Children's Memorial Hospital.
Foundling Hospital.
Alexandra Hospital for Infectious Diseases.
Verdun Protestant Hospital.
Royal Edward Institute for Tuberculosis.
The Royal Victoria Montreal Maternity Hospital.

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical School. These affiliated hospitals contain over 2,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University building, is a general hospital for acute diseases and contains 680 beds. During 1934 it cared for 13,307 cases, while in its outdoor department 95,285 cases were treated. Many new additions have been made to the Hospital. A modern University Medical Clinic was established in 1924.

There were 222 post-mortems.

The number of resident physicians is 38.

The Royal Victoria-Montreal Maternity Pavilion, with 200 beds for obstetrical and gynæcological cases, was opened in June, 1926. In this institution there are 100 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate student. During the year 1934 the obstetrical service cared for 1,962 confinements in the Hospital and 500 in the Out-patient Service, a total of 2,462. In the gynæcological section, 1,463 cases were admitted during the year.

There are nine resident physicians.

The Montreal General Hospital is a general hospital for the treatment of acute diseases and contains 397 beds. In 1934 there were 7,345 admissions to its wards. The large, reconstructed out-patient department, probably the finest in this country, received last year 163,718 visits. Many modern additions to the original buildings have been made. There is also a large biochemical laboratory, completely equipped for the investigation of the metabolic aspects of disease.

There were 192 post-mortems during the year.

The number of resident physicians is 48.

The Dental Clinic of the University, completed in 1921, has 50 dental chairs with a large and varied clientele.

The Western Division of the Montreal General Hospital—The Western General Hospital. A hospital for the treatment of acute diseases, with 85 teaching beds. It is hoped that this hospital will soon afford additional opportunities for teaching. The post-mortem and surgical material is now being used for teaching. During the year 1934 there were 2,008 admissions to the wards and 71,777 patients were treated in the out-patient department.

There were 30 autopsies during the year.

The number of resident physicians is 7.

The Children's Memorial Hospital has 335 public beds, and, in 1934, admitted 3,517 patients. The attendance at its out-door department totalled 33,267 patients. This hospital, while primarily for orthopædic cases, now admits all varieties of patients, and enables the students to get a broad conception of pædiatrics. Of special interest are the newly-built wards with cubicles, the Departments of Remedial Gymnastics, the Open-air Pavilion, and the well-equipped out-patient service.

There were 110 autopsies during the year.

The number of resident physicians is 13.

A summer course, lasting four weeks, has for several years enabled students and practitioners to become acquainted with many of the most important phases of modern pædiatrics.

The Montreal Foundling and Baby Hospital has been taken over by the Children's Memorial Hospital, and the two institutions will be used as before for the teaching of students. The Foundling Hospital affords a large amount of clinical material and gives special facilities for instruction in child welfare and infant feeding. There are 75 beds.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are 155 beds, and, in 1934, 1,559 patients were admitted to the hospital. There were 35 autopsies.

The number of resident physicians is 4.

The Verdun Protestant Hospital has 1,100 beds. It serves to instruct students in the diagnosis and treatment of the psychoses. Students are taken about the wards in groups, and are required to report on cases and discuss the general problems of psychiatry with the teachers. Occupational therapy is emphasized.

The Royal Edward Institute in its new building on Pine Avenue has space for 25 beds, with operating room, X-Ray equipment and modern facilities for the examination of patients, is essentially a dispensary for tuberculosis and offers adequate material for teaching students, in groups, the essential features of pulmonary disease.

The Royal Victoria Hospital is adjacent to the Medical School, while the other affiliated hospitals are within easy access. These hospitals, with their large clinical and laboratory facilities, and their close affiliation with the University, offer excellent opportunities for the study of disease in all its phases.

LIBRARY

HONORARY LIBRARIAN:—DR. C. F. WYLDE

The Library occupies the central part of the Medical Building, the whole front of the second and third floors, as well as a portion of the first floor. On the third floor is the magnificent reading room, 76 x 24 feet, exceptionally well lighted, and capable of accommodating seventy-five readers. On this floor also are the journal room and private office. The second floor contains the stack room, the book stacks at present containing about 49,000 volumes, as well as eight sections of unbound material in cases, such as hospital reports, university calendars, government publications and theses and having a total capacity of sixty thousand volumes; also three study rooms. On the first floor are the cataloguing rooms, offices and pamphlet room.

A special feature of the Library is the journal collection, and every effort is being made to complete this section as far as possible, and thus to increase the value of the reference department of the Library. Through the generosity of interested friends there is also a valuable collection of approximately one thousand volumes of early works on the History of Medicine, dating from the fifteenth century. These can be consulted at the Library. The Library is also very rich in ophthalmological material, largely through the interest of Dr. Casey A. Wood, who not only has given his private collection, but has continued each year to send many valuable books and periodicals. Through his generosity, in a short time the library will have one of the most complete ophthalmological periodical collections on this continent.

A complete journal collection is listed in the Catalogue of Scientific Periodicals in Canadian Libraries, and also in the Union List of Serials published by the W. H. Wilson Company.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other colleges showing proper credentials, and registered nurses. It is felt that graduates living at a distance are not aware of the fact that books may be borrowed from the Library on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during term from 9 a.m. to 6.30 p.m., and 7.30 to 9.30 p.m., except Saturdays, when it is closed at 5 p.m. After June 1st it is open from 9 a.m. to 5 p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

LIBRARIAN:—W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises about 8,500 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue has been completed, indexed, and printed since his death ("Bibliotheca Osleriana," Clarendon Press, Oxford, 1929, xxxvi, 785 pp.).

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 136 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

1. THE McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:—

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers, are kept on file.

2. ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Fourth and Fifth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

3. THE OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussions. Each year an Honorary President has been elected from this older group.

McGill University has been greatly enriched by the gift of the Osler Library, bequeathed by Sir William. Members of the Society are fortunate in having ready access to this unique source of original material, comprising as it does a rare and valuable collection of some 8,000 volumes and pamphlets devoted to the history of science and medicine from the time of Hippocrates.

McGILL UNIVERSITY

MONTREAL



ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE

1936-1937

LIBRARY
MEDICAL FACULTY,
McGILL
UNIVERSITY

McGILL UNIVERSITY

MONTREAL, CANADA

REORGANIZED COURSE

IN THE

FACULTY OF MEDICINE

1936

THE NEW REGULATIONS

Beginning with the class of students entering the first year in September, 1936, the course in the Faculty of Medicine will be reorganized. The new regulations provide that:

> The minimum period of professional training required by the University as a qualification for the independent practice of medicine shall be five years, including—
>
> (*a*) **Four years of medical study in the University** leading to the degree of M.D., C.M.; and
>
> (*b*) One year of interneship in an approved hospital, *or* one year of further medical study in the Faculty of Medicine of McGill University or in another medical school approved by it.

In the four-year medical course the session will be nine months, extending from the first week in September until the last week in May, with two weeks' vacation at Christmas and one week at Easter, thus covering thirty-six weeks instead of thirty weeks as hitherto.

The fifth year of training, which is required before licence in all Canadian Provinces and in 19 States of the Union, will be post-graduate, so that those who choose to devote it to interneship will enter the hospital with all the advantages that accrue from the possession of a medical degree.

On the other hand, those who prefer to enter upon advanced studies along medical lines may register as graduate students in this Faculty or in any medical school approved by it. This provision will, for example, permit graduates to devote the fifth year to study in preparation for a British qualification.

On the satisfactory conclusion of the year of interneship or of advanced study the Faculty will issue to the graduate a certificate that he has satisfied the University requirements and is eligible to present himself for the examination of a licensing board.

ENTRANCE REQUIREMENTS

The minimum requirement for admission to the new course will be the satisfactory completion of three full years in a College or Faculty of Arts and Science, including courses in Physics, Biology, General Chemistry and Organic Chemistry.

FEES

The inclusive University fee for British students is $360.00 and for non-British students $460.00 per annum.

APPLICATIONS

Application for admission to the Faculty of Medicine must be made on a special form which may be obtained from Professor J. C. Simpson, the Secretary of the Faculty.

McGILL UNIVERSITY

MONTREAL



ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE

1936-1937

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CALENDAR OF THE FACULTY OF MEDICINE FOR THE SESSION 1936-37

	1936		
Mon.,	Aug.	31st	
	and		
Tues.,	Sept.	1st	Registration of students in First Year Medicine.
Wed.,	Sept.	2nd	Autumn Term for students in First Year Medicine begins.
Mon.,	Sept.	7th	Register opens for students in Second, Third, Fourth and Fifth Years Medicine.
Fri.,	Sept.	13th	Autumn Examinations begin.
Wed.,	Sept.	16th	Autumn Term for students in Second, Third, Fourth Fifth Years Medicine begins.
Tues.,	Oct.	6th	Founder's Day. Convocation. (James McGill born October 6th, 1744, died December 19th, 1813.)
Wed.,	Oct.	7th	Register closes for the session.
Mon.,	Oct.	12th	Thanksgiving Day. No lectures.
Fri.,	Oct.	23rd	Intercollegiate Sports Day. No lectures.
Wed.,	Nov.	11th	Remembrance Day.
Tues.,	Nov.	24th	Autumn Term ends.
Wed.,	Nov.	25th	Winter Term begins.
Fri.,	Dec.	18th	Last day of lectures before Christmas.
	1937		
Mon.,	Jan.	4th	Lectures resumed.
Tues.,	Feb.	16th	Winter Term ends.
Wed.,	Feb.	17th	Spring Term begins.
Sat.,	Feb.	27th	Short Recess. No lectures.
	to		
Mon.,	Mar.	1st	
	(inclusive)		
Fri.,	Mar.	26th	Easter vacation.
	to		
Mon.,	Mar.	29th	
	(inclusive)		
Tues.,	April	27th	Spring Term ends for students in Second, Third, Fourth and Fifth Years Medicine.
Fri.,	May	1st	Examinations for students in Second, Third, Fourth and Fifth Years Medicine begin.
Thurs.,	May	27th	Convocation.
Tues.,	June	1st	Third Term ends for students in First Year Medicine.

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A. Stewart, M.D., C.M., F.R.C.S. (C.).
Demonstrator in Surgery. Drummond Medical Building.

C. R. Joyce, M.D., C.M.
Demonstrator in Medicine. 5242 Park Avenue.

Keith Gordon, B.A., M.D., C.M., F.R.C.P. (C.).
Demonstrator in Medicine. 1374 Sherbrooke St. W.

Lorne C. Montgomery, M.D., C.M., F.R.C.P. (C.).
Demonstrator in Medicine. 1414 Drummond St.

J. F. MacIver, M.D., C.M. (Queen's).
Demonstrator in Medicine. 3757 Wilson Avenue.

W. E. Williams, M.D., C.M.
Demonstrator in Pædiatrics. Medical Arts Building.

R. Cameron Stewart, B.Sc., M.D., C.M.
Demonstrator in Pædiatrics. 5840 Côte St. Antoine Road.

E. S. Mills, M.Sc., M.D., C.M., F.R.C.P. (C.).
Demonstrator in Medicine. 1487 Mackay St.

D. S. Forster, M.A., M.D., C.M.
Senior Demonstrator in Anatomy. 4405 Wellington St.

Douglas Gurd, M.D., C.M.
Demonstrator in Obstetrics and Gynæcology. 1482 Mackay St.

Eleanor S. Percival, B.A., M.D., C.M., F.R.C.S. (C.).
Demonstrator in Obstetrics and Gynæcology.
1374 Sherbrooke Street West.

John C. Armour, M.Sc., M.D., C.M.
Demonstrator in Surgery. Royal Victoria Hospital.

R. R. Fitzgerald, B.Sc., M.D., C.M., F.R.C.S. (Eng.).
Demonstrator in Surgery. 1414 Drummond St.

H. M. Elder, M.D., C.M.
Demonstrator in Anatomy and in Surgery. Medical Arts Building.

G. Gavin Miller, M.Sc., M.D., C.M., F.R.C.S. (C.).
Demonstrator in Surgery. 1390 Sherbrooke Street West.

Jessie Boyd Scriver, B.A., M.D., C.M., F.R.C.P. (C.).
Demonstrator in Pædiatrics. Royal Victoria Hospital

R. Vance Ward, M.D., C.M.
Demonstrator in Industrial Hygiene and Assistant Demonstrator in Medicine. 561 Côte St. Catherine Road.

E. H. Cayford, B.A. (Sask.), M.D., C.M.
Demonstrator in Anatomy. Medical Arts Building.

E. B. Chandler, M.D., C.M.
Demonstrator in Surgery. 1374 Sherbrooke St. W.

L. P. Ereaux, B.Sc., M.D., C.M.
Demonstrator in Dermatology. 1390 Sherbrooke St. W.

Baruch Silverman, M.D., C.M.
Demonstrator in Mental Hygiene. 531 Pine Avenue W.

James B. Ross, M.D., C.M., F.R.C.P. (C.).
Demonstrator in Pharmacology and in Medicine.
1414 Drummond St.

R. Percy Wright, M.D., C.M., F.R.C.S. (C.).
Demonstrator in Oto-Laryngology. 1414 Drummond St.

Keith Hutchison, M.D., C.M.
Demonstrator in Oto-Laryngology. 1509 Sherbrooke Street West.

W. J. McNally, B.A., M.D., C.M. (Dalhousie), M.Sc., D.Sc., D.L.O., R.C.P. & S. (Eng.), F.R.C.S. (C.).
Demonstrator in Oto-Laryngology. 1509 Sherbrooke St. W.

G. Edward Tremble, M.D., C.M., D.L.O., R.C.P. & S. (Eng.), F.R.C.S. (C.).
Demonstrator in Oto-Laryngology. 1390 Sherbrooke Street West.

A. L. Wilkie, B.A. (St. F. X.), M.D., C.M.
Demonstrator in Surgery. 1374 Sherbrooke St. W.

B. F. Macnaughton, M.D., C.M., F.R.C.S. (C.).
Demonstrator in Oto-Laryngology. 1024 Drummond Medical Building.

Dudley E. Ross, M.Sc., M.D., C.M.
Demonstrator in Surgery. 1509 Sherbrooke St. W.

J. R. Dean, B.A., M.D., C.M.
Demonstrator in Histology and in Anatomy. 5051 Verdun Ave.

J. R. Lochead, B. A., M.D., C.M.
Demonstrator in Anatomy. 2250 Dorchester St.

H. Gurth Pretty, M.D., C.M.
Demonstrator in Anatomy and Assistant Demonstrator in Surgery.
1414 Drummond St.

F. D. Ackman, M.D., C.M.
Demonstrator in Anatomy. 1374 Sherbrooke St. W.

D. H. Starkey, B.A., M.D., C.M.
Demonstrator in Bacteriology. Pathological Institute.

G. A. Fleet, M.Sc., M.D., C.M.
Demonstrator in Surgery. 1500 Crescent St.

Mark Kaufmann, M.D., C.M.
Demonstrator in Surgery. Medical Arts Building.

H. M. Keith, M.B. (Toronto).
Demonstrator in Pædiatric Neurology. Royal Victoria Hospital.

H. G. Ross, M.D., C.M.
Demonstrator in Anatomy. 5459 Grove Hill Place, Montreal.

S. J. Martin, M.D., C.M., F.R.C.S. (Edin.).
Demonstrator in Anatomy and Assistant Demonstrator in Surgery. Medical Building.

O. F. Denstedt, B.Sc. (Manitoba).
Demonstrator in Biochemistry. Biological Building.

A. J. B. Hebert, M.D., C.M.
Demonstrator in Anatomy. 4315 Girouard Ave., cor. Monkland.

J. C. Sutton, B.A., M.D., C.M.
Demonstrator in Anatomy. 1538 Sherbrooke St. W.

H. N. Segall, M.D., C.M.
Demonstrator in Medicine. Medical Arts Building.

W. W. Eakin, M.D., C.M., F.R.C.P. (C.).
Demonstrator in Medicine. 1538 Sherbrooke St. W.

Neil Feeney, B.A. (Laval), M.D., C.M.
Demonstrator in Medicine. 1414 Drummond St.

C. W. Fullerton, M.D., C.M.
Demonstrator in Medicine. 1414 Drummond St.

A. F. Fowler, M.D., C.M.
Demonstrator in Medicine. 3468 Hingston Ave., N.D.G.

W. R. Kennedy, B.Sc., M.D., C.M.
Demonstrator in Medicine. 3456 Harvard Ave.

L. J. Adams, M.D., C.M.
Demonstrator in Medicine. 1374 Sherbrooke St. W.

J. W. McKay, M.D., C.M.
Demonstrator in Radiology. Montreal General Hospital.

B. Usher, B.A., M.D., C.M.
Demonstrator in Dermatology. 1538 Sherbrooke St. West.

J. G. Quackenbush, M.D., C.M.
Demonstrator in Anatomy. Medical Building.

A B. Hawthorne, B.A., M.D., C.M.
Demonstrator in Urology. Medical Arts Building.

Howard Dawson, B.A., M.D.
Demonstrator in Surgery. 1538 Sherbrooke St. W.

S. A. Komarov, M.D. (Riga), M.Sc.
Research Assistant in Experimental Medicine. Biological Building.

G. V. Stavraky, M.D. (Odessa), M.Sc., M.D., C.M.
Demonstrator in Physiology. Biological Building.

G. Douglas Taylor, B.A. (Sask.), M.D., C.M.
Demonstrator in Medicine. 1390 Sherbrooke St. W.

C. A. McIntosh, M.A., M.D., C.M.
Demonstrator in Surgery. 1390 Sherbrooke St. W.

Ruth P. Dow, B.A., M.D., C.M.
Demonstrator in Bacteriology and Immunity. Pathological Institute.

J. Wendell MacLeod, B.Sc., M.D., C.M.
Demonstrator in Medicine. 1390 Sherbrooke St. W.

George E. Reed, M.B. (Toronto).
Demonstrator in Psychiatry. 6635 Lasalle Blvd.

L. W. Billingsley, M.Sc.
Demonstrator in Biochemistry. Biological Building.

N. W. McLellan, B.A.Sc. (B.C.), M.D., C.M.
Demonstrator in Bacteriology. Pathological Institute.

C. H. Skitch, B.A., M.D. (Alta.).
Demonstrator in Psychiatry. 6601 Lasalle Blvd.

C. J. Tidmarsh, M.A., M.D., C.M.
Demonstrator in Medicine. 1390 Sherbrooke St. W.

A. E. Childe, M.D.
Demonstrator in Pædiatric Neurology.
Montreal Neurological Institute.

A. Ross, M.C., B.A. (Dalhousie), M.D., C.M.
Assistant Demonstrator in Surgery. 5027 Sherbrooke Street W.

J. Rosenbaum, M.D., C.M., F.A.C.S.
Assistant Demonstrator in Ophthalmology. 1396 St. Catherine St. W.

A. Bramley-Moore, B.A., M.D., C.M.
Assistant Demonstrator in Ophthalmology. 1440 Crescent St.

W. C. Gowdey, M.D., C.M.
Assistant Demonstrator in Medicine.
4492 Sherbrooke Street, Westmount.

W. W. Alexander, M.D., C.M.
Assistant Demonstrator in Medicine. 3796 Harvard Avenue.

G. A. Stuart Ramsey, B.A., M.D., C.M.
Assistant Demonstrator in Ophthalmology. 1496 Mountain St.

A. K. Geddes, M.D., C.M.
Assistant Demonstrator in Pædiatrics. 1390 Sherbrooke St. W.

P. G. Silver, B.Sc., M.D., C.M.
Assistant Demonstrator in Surgery. 1414 Drummond St.

J. S. Henry, M.D., C.M., M.C.O.G.
Assistant Demonstrator in Obstetrics and Gynæcology.
1414 Drummond St.

N. W. Philpott, M.D., C.M., M.C.O.G. (Eng.).
Assistant Demonstrator in Obstetrics and Gynæcology.
1509 Sherbrooke St. W.

C. V. Ward, B.A. (Bishop's), M.D., C.M.
Assistant Demonstrator in Obstetrics and Gynæcology.
1374 Sherbrooke St. W.

Margaret E. B. Cameron, B.A., M.D., C.M.
Assistant Demonstrator in Medicine. Royal Victoria Hospital.

H. C. Ellsworth, A.B. (Cornell), M.D., C.M.
Assistant in Pharmacology. Biological Building.

Alan Ross, M.D., C.M.
Assistant Demonstrator in Pædiatrics. 1414 Drummond St.

S. J. Usher, B.A., M.D., C.M.
Assistant Demonstrator in Pædiatrics. 1538 Sherbrooke St. W.

Theodore C. Erickson, M.A., M.D. (Minnesota).
Assistant Demonstrator in Neurosurgery.
Montreal Neurological Institute.

J. P. Evans, M.Sc., M.D. (Harvard).
Assistant Demonstrator in Neurophysiology.
Montreal Neurological Institute.

Donald S. Mitchell, B.Sc., M.D. (Northwestern).
Assistant Demonstrator in Dermatology. 1414 Drummond St.

William Lister Reid, M.B., B.S. (Adelaide).
Assistant Demonstrator in Neuropathology.
Montreal Neurological Institute.

Clare L. Anderson, M.D. (Toronto).
Assistant Demonstrator in Anæsthesia. Montreal General Hospital.

A. B. Hall, M.D., C.M.
Assistant Demonstrator in Medicine. 1414 Drummond St.

F. A. H. Wilkinson, M.D., C.M.
Assistant Demonstrator in Anæsthesia. Royal Victoria Hospital.

S. A. Creighton, B.Sc., M.D., C.M.
Assistant Demonstrator in Pathology. Montreal General Hospital.

F. J. Stryble, A.B., M.D., C.M.
Assistant Demonstrator in Pathology. Montreal General Hospital.

Donald S. Fleming, B.A., M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute.

O. S. Culp.
Assistant Demonstrator in Pathology. Pathological Institute.

FELLOWS

P. J. KEARNS, M.Sc., M.D., C.M., M.C.O.G.
Clara Law Fellow and Demonstrator in Obstetrics and Gynæcology. Pathological Institute.

J. KERSHMAN, M.Sc., M.D., C.M.
Research Fellow in Neurology and Neurosurgery.
Montreal Neurological Institute.

R. PUDENZ, M.D. (Duke).
Research Fellow in Neurology and Neurosurgery.
Montreal Neurological Institute.

D. REEVES, A.B., M.D. (J.H.U.).
Research Fellow in Neurology and Neurosurgery.
Montreal Neurological Institute.

K. SANTHA, M.D. (Budapest).
Research Fellow in Neurology and Neurosurgery.
Montreal Neurological Institute.

FRANCIS MCNAUGHTON, B.A., M.D., C.M.
Research Fellow in Neurology and Neurosurgery.
Montreal Neurological Institute.

HISTORICAL SUMMARY

(Faculty of Medicine)

1821-1936

1744 James McGill, born October 6th (Founder's Day). Died 1813.

1801–02 Royal Institution for Advancement of Learning contemplated by Provincial Act of Parliament.

1811 Will by James McGill leaving landed estate and £10,000 to Royal Institution for Advancement of Learning for founding a University.

1818 Royal Institution for Advancement of Learning incorporated. Montreal General Hospital opened on original site on St Lawrence Street.

1821 Royal Charter granted to the Royal Institution for the Advancement of Learning for the foundation of McGill College. Cornerstone of new Montreal General Hospital laid.

1822–24 Montreal Medical Institution organized as a Medical School by Officers of Montreal General Hospital. At opening lecture at No. 20 St. James Street on October 28, 1824, there were four teachers and twenty-five students.

1829 Estate of James McGill surrendered by residuary legatee. First meeting of Governors at Burnside House. Montreal Medical Institution "engrafted upon" McGill University as its Medical Faculty. First session of Faculty of Medicine.

1831 Medical Faculty petitioned Legislature for permission to grant degrees, and framed statutes to fulfil conditions of charter for same by order of Solicitor-General.

1832 Statutes approved and permission to confer degrees granted to Medical Faculty, and Professorships granted by Crown to Drs. Holmes, Caldwell, Robertson and Stephenson.

1833 First University degree conferred in Medical Faculty upon W. Logie.

1836–37 Faculty removed to building next to present Bank of Montreal.

1840 Faculty removed to St. George Street.

1842 Arts Building erected on University grounds, where medical lectures were held 1845–51.

1852 Faculty removed to Côté Street.

1855 Sir William Dawson appointed Principal.

1860 Geo. W. Campbell appointed Dean, serving until 1882.

1872 First independent Medical Faculty building on University ground.
Graduation of William Osler.

1882 Geo. W. Campbell Memorial Fund for Medical Faculty ($50,000); Leanchoil Endowment Fund for Medical Faculty (Lord Strathcona, $50,000).
R. P. Howard appointed Dean.

1885 New laboratories erected in Medical Building (Lord Strathcona, $100,000).

1889 Robert Craik appointed Dean—George Ross, Vice-Dean.

1893 Pathological Laboratory erected (John H. R. Molson, $60,000); Chairs of Hygiene and of Pathology endowed (Lord Strathcona, $100,000).
Mrs. Mary Dow Endowment Fund presented to Medical Faculty ($10,000).

1894 Royal Victoria Hospital opened (Lord Mount-Stephen and Lord Strathcona).

1895 Sir William Peterson appointed Principal.

1898–01 Medical Faculty Building reconstructed and enlarged with new laboratories, etc. (Lord Strathcona, $100,000).
Joseph Morley Drake Chair of Physiology founded ($25,000).

1901	Thomas G. Roddick appointed Dean.
1906	Alexandra Hospital for Infectious Diseases opened.
1907	Medical Building partly destroyed by fire.
1908	F. J. Shepherd appointed Dean.
1909–11	New Medical Building (as at present) erected. (Lord Strathcona, $450,000).
1911	Robert Reford endowment of Department of Anatomy ($10,000). Arthur A. Browne Memorial Fund for Research established ($10,000). Dr. James Douglas research fellowship in Pathology founded ($25,000).
1912	Eddie Morrice Laboratory of Pharmacology opened (D. Morrice, $14,000). James Cooper Endowment Fund established for Internal Medicine ($60,000).
1913	Graduates of the Faculty of Medicine subscribed $12,566 to meet fire loss.
1914	H. S. Birkett appointed Dean. No. 3 (McGill) General Hospital organized for Overseas service. New Foundling Hospital opened.
1916	Ross Memorial Pavilion (J. K. L. Ross), opened by H.R.H. Duke of Connaught.
1917	Geo. Ross Endowment Fund for Medical Faculty presented.
1919	Sir William Macdonald bequeathed $500,000 to Medical Faculty. Faculty of Dentistry established. Osler Library (of the history of medicine and science) bequeathed to the Faculty of Medicine by Sir William Osler.
1920	Sir Arthur Currie appointed Principal. Dr. J. W. Scane appointed Assistant Dean. Children's Memorial Hospital affiliated with McGill.
1921	Centenary Celebration. Friends and Graduates of McGill donated $4,000,000 to University. Province of Quebec donated $1,000,000 to University. Rockefeller Foundation granted $1,000,000 to Medical Faculty. F. G. Finley appointed Dean.
1922	Laboratories for Biological Sciences opened. Geo. E. Armstrong appointed Dean. New Outpatient Department erected at Royal Victoria Hospital.
1923	Pathological Institute erected. C. F. Martin appointed Dean.

1924 Rockefeller Foundation gave $500,000 to Medical Faculty to establish University Clinic in Department of Medicine at Royal Victoria Hospital.
Amalgamation of Western Hospital with the Montreal General Hospital.

1925 Erection of Royal Victoria-Montreal Maternity Pavilion.
Roddick Memorial Gates opened.

1926 Closing of old Montreal Maternity Hospital.

1927 Sub-department of Industrial Medicine formed, with Industrial Clinic at the Montreal General Hospital. (Grant of $25,000 from Metropolitan Life Insurance Company).
Inter-Hospital Commission formed for purposes of administration.

1929 Opening of new laboratory building for Experimental Surgery (Dean and Mrs. C. F. Martin, $40,000). Rockefeller Foundation gave $85,000 for research in Surgery.

1931 New wing added to Children's Memorial Hospital.

1932 Gift of $1,232,652 from the Rockefeller Foundation for the Department of Neurology and Neurosurgery.

1932 New building of Royal Edward Institute for Tuberculosis opened and affiliated with McGill University.

1933 Montreal Foundling and Baby Hospital taken over by Children's Memorial Hospital.

1935 A. E. Morgan appointed Principal.
Blanche Hutchinson Research Fund received (approximately $85,000.00).

1936 Dean Martin retired.
Professor A. Grant Fleming appointed Dean.

OFFICERS AND MEMBERS OF THE FACULTY SINCE ITS ORIGIN

DEANS

Dr. R. Robertson, official head of the Montreal Medical Institution, 1823, was followed by Dr. John Stephenson in 1829 as Registrar and official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with the title of Secretary.

A. F. Holmes, 1854.
Geo. W. Campbell, 1860.
R. P. Howard, 1882.
Robert Craik, 1889.
George Ross (Vice-Dean), 1889.
Thomas G. Roddick, 1901.
Francis J. Shepherd, 1908.
Herbert S. Birkett, 1914.
F. G. Finley, 1921.
George E. Armstrong, 1922.
C. F. Martin, 1923.
A. Grant Fleming, 1936.
J. C. Simpson (Associate Dean), 1936.

REGISTRARS

John Stephenson, 1829.
Archibald Hall, 1842.
William Wright, 1864.
Robert Craik, 1869.
William Osler, 1877.
F. J. Shepherd, 1883 (Acting).
James Stewart, 1884.
R. F. Ruttan, 1891.
E. M. Eberts, 1902.
(J. W. Scane, Assistant Dean, 1920-1922).

Registrarship abolished—1923

SECRETARY

J. C. Simpson, 1923.

MEDICINE

Chair of Medicine
(Founded 1824)

William Caldwell, 1824.
William Robertson, 1833.
Andrew F. Holmes, 1842.
R. P. Howard, 1860.
George Ross, 1889.
James Stewart, 1893.

Chair of Clinical Medicine
(Founded 1845)

James Crawford, 1845 and 1852.
Robt. L. MacDonnell, 1849.
Stephen C. Sewell, 1850.
R. P. Howard, 1856.
Duncan C. MacCallum, 1860.
Joseph M. Drake, 1872.
George Ross, 1872.
Richard L. MacDonell, 1889.
James Stewart, 1891.

Chair of Medicine and Clinical Medicine
(Founded 1907)
(*Chair of Medicine since 1923*)

F. G. Finley, 1907-1924.
H. A. Lafleur, 1907-1919.
C. F. Martin, 1907-1936.
J. C. Meakins,
Professor and Director, 1924.
C. P. Howard, 1924-1936.
W. F. Hamilton, 1924-1933.

SURGERY

Chair of Surgery
(Founded 1824)

John Stephenson, 1824.
G. W. Campbell, 1835.
Geo. E. Fenwick, 1875.
T. G. Roddick, 1890.

Chair of Clinical Surgery
(Founded 1840)

James Crawford, 1845.
William E. Scott, 1852.
Duncan C. MacCallum, 1856.
Robert Craik, 1860.
George E. Fenwick, 1867.
Thomas G. Roddick, 1876.
James Bell, 1894.

Chair of Surgery and Clinical Surgery
(Founded 1907)
(Chair of Surgery since 1923)

James Bell, 1907-1911.
Geo. E. Armstrong, 1907-1923.
J. A. Hutchison, 1913-1923.
E. W. Archibald, Professor and Director, 1923.
A. T. Bazin, 1923.
E. M. Eberts, 1929.

OBSTETRICS AND GYNAECOLOGY

Chair of Obstetrics
(Founded 1824)

William Robertson, 1824.
John Racey, 1833.
Geo. W. Campbell, 1835.
Michael McCulloch, 1842.
Archibald Hall, 1854.
D. C. MacCallum, 1868.
Arthur A. Browne, 1883.
J. Chalmers Cameron, 1886.

Chair of Gynæcology
(Founded 1883)

William Gardner, 1883.
W. W. Chipman, 1910.

Chair of Obstetrics and Gynæcology
(Founded 1913)

W. W. Chipman, 1913-1929.
J. R. Fraser, 1929 Professor and Director.
H. M. Little, 1929-1934.

ANATOMY

(Chair founded 1824)

John Stephenson, 1824.
Oliver T. Bruneau, 1842.
William E. Scott, 1856.
Francis J. Shepherd, 1883.
A. C. Geddes, 1913.
S. E. Whitnall, 1919-1934.
C. P. Martin, 1936.

CHEMISTRY

Chair of Chemistry
(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1842.
William Sutherland, 1849.
Robert Craik, 1867.
Gilbert P. Girdwood, 1879.
R. F. Ruttan, 1902-1928.

Chair of Practical Chemistry
(Founded 1872)

Gilbert P. Girdwood, 1872.
R. F. Ruttan, 1894.

BIOCHEMISTRY

Chair of Biochemistry

(Founded 1920)

A. B. Macallum, 1920-1928. J. B. Collip, 1928.

INSTITUTES OF MEDICINE

Chair of Institute of Medicine

(Founded 1824 and included the Departments of Physiology, Histology and Pathology)

John Stephenson, 1824.
Stephen C. Sewell, 1842.
Robert L. MacDonnell, 1845.
William Fraser, 1849.
Joseph M. Drake, 1868.
William Osler, 1874.

PHYSIOLOGY

(Founded 1824—endowed 1897)

Wesley Mills, 1886.
N. H. Alcock, 1911.
G. R. Mines, 1914.
John Tait, 1919.
Boris P. Babkin,
(Research Professor), 1928.

HISTOLOGY

George Wilkins, 1883-1907.
J. C. Simpson, 1910.

PATHOLOGY

(Founded 1892—endowed 1893)

J. Geo. Adami, 1892.
H. Oertel, 1919.

PHARMACOLOGY

Chair of Pharmacology and Therapeutics

(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1835.
Stephen C. Sewell, 1842.
A. Hall, 1849.
William Wright, 1854.
James Stewart, 1883.
A. D. Blackader, 1891.

Chair of Pharmacology

H. G. Barbour, 1921.
R. L. Stehle, 1924.

BOTANY

(Chair founded 1829)

Andrew F. Holmes, 1829.
Dr. Papineau, 1845.
J. W. Dawson, 1855-56 *and* 1858-83.
James Barnston, 1857-58.
D. P. Penhallow, 1883-1912.
F. E. Lloyd, 1912-1934.

MEDICAL JURISPRUDENCE

(Chair founded 1845)

William Fraser, 1845.
Francis Badgley, 1849.
Francis C. T. Arnoldi, 1850.
William E. Scott, 1851.
William Wright, 1852.
R. Palmer Howard, 1854.
Duncan C. MacCallum, 1860.
George E. Fenwick, 1867.
William Gardner, 1875.
George Wilkins, 1883.
D. D. MacTaggart, 1911-1929.

HYGIENE AND PUBLIC HEALTH

(Chair founded 1871—endowed 1893)

George Ross, 1871.
Thomas G. Roddick, 1873.
Robert T. Godfrey, 1875.
William Gardner, 1879.
R. L. MacDonnell, 1886.
Robert Craik, 1889.
Wyatt Johnston, 1902.
T. A. Starkey, 1902.
A. G. Fleming, Professor and Director of the Department of Public Health and Preventive Medicine, 1926.

OPHTHALMOLOGY AND OTO-LARYNOLOGY

Chair of Ophthalmology and Otology
(Founded 1883)

Frank Buller, 1883.

Chair of Laryngology
(Founded 1893)

G. W. Major, 1893.
H. S. Birkett, 1895.

Chair of Oto-Larynology

H. S. Birkett, 1895-1931.
E. Hamilton White, 1931-1933.

Chair of Ophthalmology

J. W. Stirling, 1906.
W. G. Byers, 1923.

ZOOLOGY

E. W. MacBride, 1902-1910.
Arthur Willey, 1910-1932.

HISTORY OF MEDICINE

Andrew Macphail, 1907.

BACTERIOLOGY

F. C. Harrison, 1928-1930.
E. G. D. Murray, 1930.

NEUROLOGY AND NEUROSURGERY

(Founded 1932)

W. G. Penfield, 1932.

FACULTY OF MEDICINE

The one hundred and fourth session of the Faculty will open on September 2nd, 1936 for students of the first year and on September 16th for those of all other years.

ENTRANCE REQUIREMENTS

A sound general education is an essential foundation for professional training and a four-year course leading to a B.A. or B.Sc. degree is considered the most desirable preparation for the study of medicine. Preference will be given, therefore, to applicants who have had a full academic course in which the humanistic studies have not been sacrificed to a narrow scientific specialization. Candidates without a degree should have at least three years of college work.

It is distinctly to be understood that the Faculty does not undertake to accept all students who have passed the courses necessary to fulfil the requirements. It reserves the right to select for admission only those candidates who, in the opinion of the Committee on Admissions, give promise of work of high quality in the medical course.

All applicants must present satisfactory evidence that their college courses include the following:—

Physics—One year of general college Physics with laboratory work.

Biology—One year of General Biology and Zoology with laboratory work. One half-year of Botany and one half-year of Zoology will be accepted, but not one year of Botany alone.

Chemistry:—Two years:—
(a) One full course of General Chemistry with laboratory work.
(b) One full course of Organic Chemistry with laboratory work.

Students who wish to pursue their preliminary course at McGill may register as regular undergraduates in the Faculty of Arts and Science and should apply for admission to the Faculty of Medicine at the end of their third year or preferably on graduation.

Candidates for admission to the Faculty of Medicine must also present evidence that they have satisfied the matriculation requirements of the Licensing Body of the Province to which they belong (for further particulars see "Requirements for Licence to Practise," p. 39).

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than May 1st.

A fee of $25.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Dean or Associate Dean of the Faculty, when possible, is advisable.

APPLICATION FOR EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit to the Associate Dean of the Faculty an official statement of his preliminary education and of the medical course he has followed and the standing he has obtained. This should be accompanied by a Calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

REGISTRATION

Students entering the first year of the Faculty of Medicine for the session 1936-37 will register at the Registrar's Office on September 1st, 1936. Those in other years will register on September 7th to September 15th, 1936. Those who register after September 15th will be required to pay a late registration fee of $5.00 if they register during the first week of the session and $10.00 if during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

MEDICAL EXAMINATION

In order to promote as far as possible the physical welfare of the student body, men students of the First and Second Years, and women students of the First and Third Years, in every Faculty, and all students coming to the University for the first time, are required to be medically examined. The hours of such examinations are announced at the beginning of the session. Any student who has failed to comply with this regulation before the 1st of November will be fined $5.00. Any student who has failed to comply before the 8th of November will be fined an additional $5.00. Any student who has failed to comply before the 15th of November will be suspended. Re-examinations are held frequently throughout the session for those students who are of low category, or who are suffering from physical disability.

Students of all years, who wish to engage in athletic activities, are also required to be medically examined.

VACCINATION

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years. Failing this, students must be vaccinated at once in a manner satisfactory to the medical examiner.

The penalties for non-compliance with this regulation are those stated above for the medical examination.

HEALTH

Provision is made by the Department of Physical Education for the care of the health of undergraduates during the session. If a student's admission to hospital is requisitioned for by the Department, but not otherwise, one half of all public ward charges is paid by the University. Should a student desire private accommodation the difference in the cost must be borne by him. Should a student receive treatment by a private practitioner without first having received a requisition form, he must bear all expenses involved.

No student, after having received medical attention as a result of sickness or injury, may resume participation in University athletics until the University Medical Officer declares him fit.

No dental treatment is supplied by the University.

The University is not responsible for damages of any kind resulting from accidents which may occur, and is not responsible for the medical or hospital expenses incurred by any person suffering an accident; if, however, in any such case, a recommendation to that effect is made in

writing by the Department of Physical Education, but not otherwise, the University may pay the whole or such portion of the medical or hospital expenses as is covered by such written recommendation. All cases of athletic injury requiring medical treatment or hospital accommodation must be reported immediately to the Director or the University Medical Officer. In cases of emergency the Royal Victoria Hospital or the Montreal General Hospital accepts cases but these must be reported to the Department of Physical Education as well as to the Athletics Manager within forty-eight hours.

A leaflet and handbook concerning this service and the general work of the Department are distributed at the opening of the session.

FEES

TUITION FEES:

1. Annual undergraduate fee for British students $360.00
 By instalments: Each of two instalments 182.50
 Annual undergraduate fee for Non-British students 460.00
 By instalments: Each of two instalments 232.50
2. Undergraduates repeating a year pay one half the regular tuition fee. This includes dissecting material, chemical reagents, laboratories, etc.
3. Qualified partial students are admitted to one or more courses on payment of special fees.
4. The fee for the graduate course in Public Health, including laboratory and outdoor work, is $150.00 for British and $200.00 for Non-British students.

SPECIAL UNIVERSITY FEES:

5. Late registration, after September 15th $ 5.00
 Late registration, after September 22nd 10.00
 Supplemental Examinations, each paper 10.00
 Receipts for supplementals must be shown to the Dean's Office before the examination.
 Duplicate graduation diploma 10.00
 Certified copy of student's record 1.00
 Conferring degree *in absentia* 10.00
 Ad eundem fee for students from another university entering any year above the First 10.00
 Fine for late medical examination (see page 30) $5.00 or 10.00
6. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

STUDENTS' ACTIVITIES:

7. A sessional fee of $21.00 is payable by all men undergraduates and $16.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletics Board.
8. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 7 as are open to them, an additional $10.50 is charged for men students and $8.50 for women students.

GENERAL REGULATIONS:

9. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. and 2.30 p.m. to 4 p.m. on the following dates:—
 First year Students—Tuesday, September 1st
 Upper Years—Monday, September 7th
 to
 Tuesday, September 15th
 or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.
10. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of Regulation 9.
11. Any student who fails to pay his fees within a month of the prescribed date is suspended until all the fees due have been paid.
12. All fees are payable in Canadian currency.
13. Domicile will in general determine whether a student pays the British or, Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

UNIVERSITY LOAN FUND

A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult the Dean of the Faculty.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories:— 2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practitioner in medicine.

STUDENTS' EXPENSES

1. BOARD AND RESIDENCE

It is expected that Douglas Hall the new residence for men students will be ready for occupation in September 1937. At present, residential accommodation for about sixty men is provided in Strathcona Hall, the home of the Student Christian Association of McGill University. Full particulars concerning terms of residence, etc., may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to the city met on arrival and helped to secure lodgings, if due notice is sent of the station and time at which they will arrive.

The University Lodgings Committee issues annually a list of lodgings and boarding houses which have been inspected and approved. This list, which gives prices of rooms and meals, may be consulted in the Registrar's Office, in the Medical Building, in the Students' Union or in Strathcona Hall.

Board and lodging can be obtained in private houses in the vicinity of the University buildings at a cost of $35 to $60 per month; or separately, board from $25, and a room from $12 upwards per month.

Board is furnished in the McGill Union at low rates.

2. ESTIMATED ANNUAL EXPENSES

	British	Non-British
Tuition Fees	$360.00	$460.00
Fee for Athletics, Union, etc.	21.00	21.00
Caution Money Deposit	10.00	10.00
Board and Lodging	300.00	300.00
Books, Instruments, etc.	154.00	154.00
	$845.00	$945.00

It will be noted that in the above estimate no account is taken of personal expenses, such as cost of clothes, laundry, etc. Students are advised also to reckon on at least $20.00 to $25.00 per annum for subscriptions of various kinds.

COURSE FOR THE M.D., C.M. DEGREE AND EXAMINATIONS

THE NEW REGULATIONS

Beginning with the class of students entering the first year in September, 1936, the course in the Faculty of Medicine will be reorganized. The new regulations provide that:

> The minimum period of professional training required by the University as a qualification for the independent practice of medicine shall be five years, including—
>
> *(a)* **Four years of medical study in the University** leading to the degree of M.D., C.M.; and
>
> *(b)* One year of interneship in an approved hospital, *or* one year of further medical study in the Faculty of Medicine of McGill University or in another medical school approved by it.

In the four-year medical course the session will be nine months, extending from the first week in September until the last week in May, with two weeks' vacation at Christmas and one week at Easter, thus covering thirty-six weeks instead of thirty weeks as hitherto.

The fifth year of training, which is required before licence in all Canadian Provinces and in 19 States of the Union, will be post-graduate, so that those who choose to devote it to interneship will enter the hospital with all the advantages that accrue from the possession of a medical degree.

On the other hand, those who prefer to enter upon advanced studies along medical lines may register as graduate students in this Faculty or in any medical school approved by it. This provision will, for example, permit graduates to devote the fifth year to study in preparation for a British qualification.

On the satisfactory conclusion of the year of interneship or of advanced study the Faculty will issue to the graduate a certificate that he has satisfied the University requirements and is eligible to present himself for the examination of a licensing board.

The arrangement of the major subjects of instruction in the new course is as follows:

First Year:

Anatomy, Histology and Embryology, Physiology.

Second Year:

Anatomy, Physiology, Biochemistry, Pharmacology, General Pathology, Bacteriology, Medicine, Surgery, Obstetrics.

Third Year:

Special Pathology, Public Health, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Mental Hygiene, Psychiatry, Therapeutics, Ophthalmology, Otolaryngology.

Fourth Year:

Pathology, Bacteriology and Immunology. Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Ophthalmology, Otolaryngology.

THE OLD REGULATIONS

Students registered in the Faculty of Medicine previous to the session 1936-37 and those entering the second or any higher year with advanced standing will continue their course under the old regulations.

A. THE MEDICAL COURSE

The Academic year is divided into three terms of ten weeks and the minimum period of study required for the degree is fifteen terms (five years).

The subjects comprised in the medical course are arranged in two groups:

The Preclinical Group:

Anatomy.
Histology and Embryology.
Biochemistry.
Physiology.
Pharmacology.

The Clinical Group:

Bacteriology.
Pathology.
Public Health and Preventive Medicine.
Medicine (including Pædiatrics, Neurology, Psychiatry, Dermatology and Laboratory Diagnosis).
Surgery (including Urology and Orthopædic Surgery).
Obstetrics and Gynæcology.

Ordinarily, the preclinical subjects occupy two years and the clinical group three years of the course.

In each group the courses offered are of two kinds:

Required Courses covering the ground which is essential to the training of a medical practitioner.

Elective Courses designed to give a broader and deeper training in the major subjects and the specialties.

The required courses are arranged in such a manner that a considerable amount of the student's time is left free for independent study and for elective courses in the pre-clinical and clinical subjects.

The required subjects of each group will ordinarily be taken in a definite sequence but qualified students may be allowed to arrange their schedule in accordance with their interests and previous training.

B. EXAMINATIONS

1. *Final or University Examinations* will be held in each major required subject of the curriculum. Grades attained in these examinations will be entered in the students' records, and will be the only grades used in determining aggregate standing.

To qualify for the University examinations the student must have fulfilled the following conditions:

Anatomy: must have completed three terms of instruction in the subject and have passed all the required course examinations.

Histology and Embryology: must have satisfactorily completed three terms of instruction in the subject and have passed all required course examinations.

Physiology: must have satisfactorily completed five terms of instruction and have passed all required course examinations.

Biochemistry: must have completed two terms of instruction and have passed all course examinations in the subject.

Pharmacology: must have satisfactorily completed one term of instruction.

Bacteriology: must have completed a course in Bacteriology *and* must have taken at least six terms of clinical instruction.

Pathology: must have completed at least six terms of work in the subject.

Public Health: must have completed the course and have taken at least four terms of clinical instruction.

Medicine: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Medicine. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Surgery: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Surgery. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Obstetrics: both written and practical examinations may be taken on the completion of nine terms of clinical instruction.

2. *Departmental or Course Examinations*, i.e., examinations held during, or at the conclusion of individual courses in any subject and for the purpose of determining the students' progress and fitness to proceed in a given subject.

The following special regulations have been adopted in respect to course examination in the clinical subjects:

1. *Pathology*—A course examination on the termination of the course in General Pathology (9th term).
2. *Medicine*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination in the 3rd and an oral examination at the end of the 4th year. Written examinations in Therapeutics and Psychiatry will be held during the 4th year.
3. *Surgery*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination at the end of the fourth year.
4. *Obstetrics*—An oral examination at the end of the course of didactic lectures in the 3rd year; and an oral and practical examination at the end of each term in the 4th year.

To qualify for the Final Examinations leading to the degree, a student must have passed the course examinations in the required subjects of the clinical group, and must have satisfactorily completed the prescribed courses of study and practice in:

I. Ophthalmology.
II. Oto-Laryngology.
III. Psychiatry.
IV. Infectious Diseases.
V. Anæsthesia.
VI. Pathological Anatomical Technique and methods of Post Mortem Examination and Diagnosis.
VII. Public Health Survey.

The Final Examinations in Medicine, Surgery and Obstetrics must all be passed at one time, but a student who fails in one of these subjects only may, at the discretion of the Faculty, be allowed a re-examina-

tion in that subject at the next regular examination period, provided that he shall have satisfactorily completed such additional work as may be prescribed by the Head of the Department concerned.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

At the end of the Spring Term, the Promotion Committee will consider the cases of all students who at the conclusion of their third term are reported by their instructors as having fallen below the grade of C and shall determine whether such students are to be allowed to continue, warned, required to repeat the course or courses, or to retire from the Faculty.

NOTE:—The "Required Courses," together with suitable "Elective Courses" in the second year, will qualify a candidate for the First (Primary) Examination for Fellowship in the Royal College of Surgeons of England and for the Primary Examination for Fellowship in the Royal College of Physicians and Surgeons of Canada.

C. GRADING

At the conclusion of each course, students will be graded in five groups, as follows:—

A=Excellent
B=Good
C=Fair
D=Doubtful
E=Failure

In reporting the grading, the names of those students who attain "A" standing shall be arranged in order of merit; in all other grades the arrangement shall be alphabetical.

The grade assigned to a student shall be based upon the result of the Final Examination, but the instructor will also take into account the record of the work done throughout the course.

The quality of the English used by a candidate will be taken into account in determining his standing in all examinations.

FELLOWSHIPS, SCHOLARSHIPS, BURSARIES, MEDALS AND PRIZES

Details of fellowships, scholarships, bursaries, medals and prizes open to undergraduate and graduate students in Medicine will be found in the Scholarships Announcement.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all of the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for five full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University.

3. No one shall be permitted to become a candidate for the degree who shall not have attended at least one full session at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions or nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE TO PRACTISE

Intending students are reminded that a University degree in Medicine does not in itself confer the rights to practice the profession of medicine. In each Province of Canada and in each one of the United States the right of licensure is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practice can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University *requires Canadian students to register with the licensing body of their home province before beginning their medical course.*

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:—

QUEBEC—Dr. J. E. Laberge, 354 St. Catherine Street E., Montreal.

ONTARIO—Dr. H. Wilberforce Aikens, 566 University Avenue, Toronto, Ont.

NEW BRUNSWICK—Dr. S. H. McDonald, 56 Colborne Street, Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. H. D. Johnson, 51 Grafton St., Charlottetown, P.E.I.

MANITOBA—Dr. W. G. Campbell, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. George R. Johnson, Calgary, Alta.

SASKATCHEWAN—Dr. A. MacG. Young, Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. P. Proctor, Vancouver, B.C.

The Registrar for Newfoundland is Dr. T. Mitchell, St. John's, Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF GREAT BRITAIN

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

COURSES OF INSTRUCTION

ANATOMY

THE ROBERT REFORD PROFESSOR:—C. P. MARTIN

PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON

ASSISTANT PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—
H. E. RAWLINSON

LECTURER:—H. E. MACDERMOT

LECTURERS IN HISTOLOGY:—D. J. BOWIE, W. M. FISK

SENIOR DEMONSTRATOR:—D. S. FORSTER

DEMONSTRATOR IN ANATOMY AND HISTOLOGY:—J. R. DEAN

DEMONSTRATORS:—F. D. ACKMAN, E. H. CAYFORD, H. M. ELDER, A. J. B. HEBERT, J. R. LOCHEAD, S. J. MARTIN, H. G. PRETTY, J. G. QUACKENBUSH, H. G. ROSS, J. C. SUTTON.

ANATOMY

The Required Courses in Anatomy are given in the first three terms of the Medical Course.

Required Courses

1. Lecture Course in Gross Anatomy.

Three hours weekly through the Autumn, Winter and Spring Terms.
Professor Martin.

Text-books:—Gray's "Anatomy" (English Edition); Whitnall's "Study of Anatomy."

Reference books:—Quain, Cunningham, Piersol, Keith's "Human Embryology and Morphology," Keith's "Menders of the Maimed," Hilton's "Rest and Pain," Spalteholz Atlas.

2. Laboratory Course in Gross Anatomy.

Eighteen hours weekly during the Autumn, Winter and Spring Terms.
Professor Martin and Staff.

Practical Manual:—Walmsley.

Group Classes in Osteology are conducted weekly by the Demonstrators throughout this Course.

3. **Tutorials:** Devoted mainly to the study of surface anatomy and X-ray anatomy.
One hour weekly throughout the session.
Drs. MacDermot and Forster.

4. **Discussions:** Informal class discussions upon problems and difficulties.
One hour weekly throughout the session.....

Elective Courses

Suitably prepared students who desire to proceed to the Primary Examination of any of the Royal Colleges of Surgeons may be provided with facilities for revision in Anatomy.

The Department provides facilities for advanced work and for revision. The head of the Department should be consulted by those desiring to undertake work of this nature.

HISTOLOGY AND EMBRYOLOGY

1. **Histology and Embryology.**
Lectures and laboratory work throughout the session.
First term, Mon., Tue., Thur. and Fri., 2-5 p.m.
Second term, Tue. and Thur., 2-5 p.m.
Third term, Tue., 2-5 p.m.
Professor Rawlinson and Staff.

Text-books:—Maximow and Bloom, "Histology"; Arey, "Embryology".

Reference books:—Histology, Lewis and Bremer, Jordan, Bailey, Shaefer; Embryology, Jordan, Simkins, Bailey and Miller.

PHYSIOLOGY

The Joseph Morley Drake Professor:—John Tait
Research Professor:—Boris P. Babkin
Assistant Professor:—N. Giblin
Lecturer:—S. Dworkin
Demonstrator:—G. W. Stavraky

Required Courses

1. **First-Year Course**—Lectures and Elementary Laboratory.
In this course, which lasts from the beginning of September till the end of May, the main groundwork is covered.

Text-books:—"Human Physiology", Winton and Bayliss, London, Churchill and Co., or Philadelphia, Blakiston's Son and Co.; "Applied Physiology", Samson Wright, Oxford University Press.

2. **Intermediate Course**—Lectures, Demonstrations and Laboratory. Autumn Term.
Laboratory manual:—Sharpey-Schäfer, "Experimental Physiology."

3. **Senior Course**—Lectures, Demonstrations and Mammalian Laboratory. Winter Term.

During these lectures the survey of the subject for undergraduate medical purposes is completed. The laboratory work accompanying the course involves a more advanced operative and instrumental technique.
Laboratory manual:—Sherrington, "Mammalian Physiology."

Elective Courses

4. **Lectures on Selected Advanced Topics.**
Professors Babkin and Giblin.

During each year a variety of subjects is handled. As these vary from year to year, the titles will be announced at the commencement of the Autumn Term. The lectures are held twice a week throughout the Graduate Faculty teaching session. For elective purposes special parts of the course may be separately attended.

5. **Applied Physiology.**
This course is designed for second year medical students who are interested in the clinical applications of the physiological knowledge they have obtained from the regular undergraduate courses. One lecture-demonstration per week during the Autumn Term, three hours of advanced laboratory per week during the Winter Term.
Dr. Dworkin.

Courses only for Graduate Students.

6. **Lectures on Structure and Function** Professor Tait.

7. **Advanced Laboratory.**

8. **Physiological Colloquium.**

BIOCHEMISTRY AND PATHOLOGICAL CHEMISTRY

PROFESSOR:—J. B. COLLIP

ASSOCIATE PROFESSOR:—D. L. THOMSON

ASSISTANT PROFESSOR:—HANS SELYE

LECTURERS:—R. L. KUTZ, L. I. PUGSLEY

LECTURERS IN PATHOLOGICAL CHEMISTRY:—J. S. L. BROWNE, E. H. MASON, I. M. RABINOWITCH

DEMONSTRATORS:—L. W. BILLINGSLEY, O. F. DENSTEDT

The Department offers, in addition to the required lecture and laboratory course, an elective course in Endocrinology; other courses are described in the Announcements of the Faculties of Arts and Science, and of Graduate Studies and Research.

1. General Physiological Chemistry:

(a) Lectures: Monday, Wednesday, Friday at 9.

(b) Laboratory: Six hours weekly, Monday morning and Thursday afternoon, or Tuesday afternoon and Friday morning.

Text-books:—Bodansky, "Introduction to Physiological Chemistry" (Wiley); Cameron, "Text-Book of Biochemistry". (Macmillan); Cameron and Gilmour, "Biochemistry of Medicine" (Churchill); Wright, "Applied Physiology" (Oxford Univ. Press). A synopsis of the laboratory course is issued by the Department.

This course is given in the Autumn and Winter terms.

2. Endocrinology:

Lectures: Monday, Friday at 2.

Text-book: — Cameron, "Recent Advances in Endocrinology" (Blakiston).

PATHOLOGY

STRATHCONA PROFESSOR:—HORST OERTEL

ASSOCIATE PROFESSOR:—L. J. RHEA

ASSISTANT PROFESSOR:—T. R. WAUGH

LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

LECTURER:—J. E. PRITCHARD

LECTURER IN NEUROPATHOLOGY:—W. V. CONE

ASSISTANT DEMONSTRATORS:—O. S. CULP, D. S. FLEMING, S. A. CREIGHTON, F. J. STRYBLE

CURATOR OF MUSEUM:—W. H. CHASE

PREPARATOR:—J. GIROUX

NOTE: Students for the degree of Doctor of Medicine are advised to commence the study of Pathology at the beginning of their clinical instruction, i.e., in the Third Year, and pursue it in the following order:

First: General Pathology, with its laboratory course in general pathological anatomy and histology (Courses A1 and A2).

Second: Special Pathology (Course B1), including the special didactic courses on the diseases of the blood forming organs, the more important ductless glands, and of the nervous system (Courses B2, B3, B4), with the laboratory course in special pathological anatomy and histology (Course B5), and also to attend the demonstrative courses and practical exercises in pathological anatomical methods (Course B6).

It is desirable that students should continue to attend the demonstrative courses and practical exercises in pathological anatomy and choose from the electives throughout the rest of their study. Students may find it advantageous to refresh their minds during their later clinical years in certain parts of General and Special Pathology in which they are interested by returning to the didactic lectures in General and Special Pathology in addition to taking up some of the electives.

A study room has been set aside in the Pathological Institute more particularly for the students of Special Pathology and those under advanced clinical instruction, in which gross and microscopic material illustrative of topics discussed in the didactic lectures are weekly put on exhibition for personal study, at the student's leisure. Museum material may also be requisitioned. This room is open from 9 a.m. to 6 p.m. during the session, and demonstrators will be available for consultation.

Required Courses

I. Didactic Lectures.

A1. General Pathology and Pathological Anatomy.

Two lectures (with epidiascope demonstrations) a week.
Autumn Term—Tuesday and Thursday, 4 p.m.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute Professor Oertel.

B1. Special Pathological Anatomy and Pathogenesis of the Circulatory, Respiratory, Digestive and Renal Systems.

One lecture with epidiascope demonstrations a week.
Autumn Term—Friday, 4 p.m.
Winter and Spring Terms—Wednesday, 4 p.m.
Pathological Institute Professor Oertel.

B2. Diseases of the Blood Forming Organs.

One lecture a week. Autumn Term—Monday, 4 p.m.
Pathological Institute Professor Waugh.

B3. Pathological Anatomy of the More Important Ductless Glands.
One lecture a week. Winter Term—Tuesday, 4 p.m.
Pathological Institute Dr. Chase.

B4. Pathological Anatomy of the Nervous System.
One lecture a week. Spring Term—Tuesday, 4 p.m.
Pathological Institute Dr. Cone.

II. Practical Courses.

A2. Laboratory Course in General Pathological Anatomy and Histology (including the methods of microscopic technique and diagnosis with practical exercises in the living animal, in fresh and in hardened tissues). Six hours weekly.
Winter and Spring Terms—Tuesday and Thursday, 2 p.m.
Pathological Institute, Professor Oertel, Dr. Chase and Demonstrators

B5. Laboratory Course in Special Pathological Anatomy and Histology.
Four hours weekly.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.
Professor Waugh, Dr. Chase and Demonstrators.

B6. Demonstrative Course and Practical Exercises in Pathological Anatomical Methods and Diagnosis (including autopsy technique and references to medico-legal practice).
Autumn, Winter and Spring Terms—Saturday morning, 11-12.30.
Pathological Institute Professor Oertel.

C1. Performance of Autopsies—Group Instruction.
Autumn, Winter and Spring Terms. Time according to material.
Pathological Institute Dr. Chase and Demonstrators.
Montreal General Hospital Professor Rhea and Demonstrators.

Elective Courses

B7. Special Pathological Anatomy of Bones.
Spring Term—Thursday, 4 p.m.
Pathological Institute Professor Waugh.

B8. Special Hæmatological Technique.
Lectures and demonstrations on the more important hæmatological methods of examining the blood.
Winter Term—Thursday, 4 p.m.
Pathological Institute Professor Waugh.

C2. Methods of Post-Mortem Examination (including the methods of anatomical description and protocoling). For advanced students and physicians preparing for medico-legal practice. Time to be arranged. Pathological Institute.....Dr. Chase.

C3. Demonstration and Discussion of Specimens Removed at Operation, (including microscopic diagnosis and interpretation). For advanced students.

Autumn, Winter and Spring Terms—Wednesday, 3 p.m.

Pathological Institute Professor Waugh.

Reference Books:—Oertel, Outlines of Pathology (Renouf); Muir. Textbook of Pathology (Arnold); Virchow, Cellular Pathology (transl. by Chance); Cohnheim, Lectures on General Pathology (New Sydenham translation); Wilks and Moxon, Lectures on Pathological Anatomy (Churchill); Coats, Manual of Pathology (Longmans, Green); Virchow, Post Mortem Examinations (transl. by J. P. Smith, Churchill); Coman, Technique of Post Mortem Examination (Renouf).

BACTERIOLOGY AND IMMUNITY

PROFESSOR:—E. G. D. MURRAY

ASSISTANT PROFESSOR:—FREDERICK SMITH

LECTURERS:—J. H. GLYNN, T. E. ROY

DEMONSTRATORS:—D. H. STARKEY, R. P. DOW, N. W. MCLELLAN

Required Courses

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty lectures and 60 hours practical work. Third Term. Available to medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology and Biochemistry; also to students in their third year in Arts and Science reading for the B.Sc. Honours in Bacteriology and Graduate Students.

Course 2. Applied Medical Bacteriology and Immunity and the processes of Infectious Diseases.

20 Lectures and demonstrations. First and Second Terms. Available to Medical Students who have completed two years of clinical work and satisfied the Examiners in Course 1.

Course 3. Bacteriology and Immunity for Honours B.Sc. (daily throughout the year; available only for Honours students in their Fourth year). 160 lectures and 852 hours practical work.

(Full details of the courses can be obtained by application to the Registrar).

Text-books:—Hans Zinsser and G. Bayne-Jones, Textbook of Bacteriology (Appleton); R. Muir and J. Ritchie, Manual of Bacteriology (Oxford University Press); R. T. Hewlett and James McIntosh, Manual of Bacteriology (Churchill); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere Tindall & Cox); W. H. Park and A. W. Williams, Pathogenic Micro-Organisms (Lea & Febiger); Hans Zinsser, Resistance to Infectious Diseases (Macmillan); W. W. C. Topley and G. S. Wilson, The Principles of Bacteriology and Immunity (Edward Arnold & Co.); W. W. C. Topley, An Outline of Immunity (Arnold); M. Langeron, Precis de Microscopie (Masson & Cie); A. Calmette, L. Negri and A. Boquet, Manuel Technique de Microbiologie et Serologie (Masson & Cie); D. H. Bergey, Manual of Determinative Bacteriology (Williams & Wilkins). E. O. Jordan, Textbook of General Bacteriology (Saunders); Frederick P. Gay, Agents of Disease and Host Resistance (C. C. Thomas).

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years. The following subjects are suggested as suitable for the average student.

Second Year—General Zoology; Organic Chemistry; Histology; Elementary Physical Chemistry; Elementary Physiology; Colloid Chemistry.

Third Year—Biochemistry; Physiology; Elementary Medical Bacteriology; Parasitology; Mycology; Pharmacology.

Fourth Year—Bacteriology Course 3.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

PROFESSOR AND DIRECTOR:—A. GRANT FLEMING

STRATHCONA PROFESSOR OF HYGIENE:—T. A. STARKEY

ASSISTANT PROFESSOR:—R. ST. J. MACDONALD

ASSISTANT PROFESSOR OF MENTAL HYGIENE:—W. T. B. MITCHELL

ASSISTANT PROFESSOR OF INDUSTRIAL HYGIENE:—FRANK G. PEDLEY

LECTURER IN MENTAL HYGIENE:—C. M. HINCKS

DEMONSTRATOR IN MENTAL HYGIENE:—BARUCH SILVERMAN

DEMONSTRATOR IN INDUSTRIAL HYGIENE:—R. VANCE WARD

The instruction in Public Health and Preventive Medicine given to the medical undergraduates is designed to meet the requirements of the practitioner in Medicine.

In order that the importance of Public Health and Preventive Medicine may be kept before the student, short courses are given in the First and Second Years. These courses are of an introductory nature and, from a historical background, develop the needs and opportunities for preventive medicine and its social implications.

The Department aims to correlate the teaching of the preventive aspects of medicine with the teaching of other departments in their special field. In addition, those phases of the subject that are not included elsewhere are covered, such as water, milk and food supplies, public health administration, hygiene of the school child, industrial hygiene and mental hygiene.

The course in Mental Hygiene, included in the teaching of the Department of Public Health and Preventive Medicine, attempts to give the student an understanding of what is possible and of what is being done in the way of preventing nervous and mental diseases, delinquency and crime, and social failure. This implies a knowledge of what is normal in the way of behaviour responses at the different stages of the individual development; of how we may recognize and deal with significant deviations from the average response; the factors underlying individual success and failure; the place and the means of introducing mental health principles into home, school, social and industrial situations.

The hygiene of the child of school age includes, for consideration, the chief points of a school health service, its scope, and the duties of the School Medical Officer, a post frequently undertaken by the general practitioner.

Industrial Hygiene deals with the application of the principles of preventive medicine to industry. The various factors which influence the health of work people are discussed, and the means which may be taken to supervise their health and safety are considered.

A health study of the student's home town, or some other place acceptable to the Department, is required before the beginning of the Fifth Year. This study requires individual field work by each student.

Required Courses

1. **Introduction to Public Health and Preventive Medicine.**
 Spring term—Monday, 4 p.m.
 Professors Fleming and Mitchell.
2. **Public Health Organization and Administration.** (Including related community services).
 Spring term—Wednesday, 9 a.m.
 Professors Fleming, Macdonald and Dr. Silverman.
3. **Mental Hygiene.**
 Autumn term—Tuesday, 3 p.m.....Professor Mitchell.
4. **Practice of Preventive Medicine.**
 Winter term—Monday and Friday, 3 p.m.; Wednesday, 2 p.m.
 Professors Fleming, Starkey, Macdonald and Pedley.
5. **Field Visits, Demonstrations.**
 Winter term—Wednesday, 3 p.m.
6. **Communicable Disease Control.**
 Autumn term—Thursday, 4 p.m. Professors Fleming and Macdonald.
7. **Health Study of a City or Town.**
 To be submitted during the month of October of the final year. The student is later required to review this study with a member of the staff.

Text-books and Reference books:—

The General Field:—Mustard, Parkes and Kenwood; Rosenau; Park; Fitzgerald.

Industrial Hygiene:—The Health of the Industrial Worker, Collis and Greenwood; Industrial Health, Hayhurst, Emery and Kober; Industrial Poisons in the United States, Hamilton.

Mental Hygiene:—The Mental Hygiene of Childhood, White.

School Hygiene:—The Fundamentals of School Health, Kerr.

PHARMACOLOGY AND THERAPEUTICS

PROFESSOR:—R. L. STEHLE
ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS
ASSISTANT PROFESSOR OF PHARMACOLOGY:—K. I. MELVILLE
LECTURERS IN THERAPEUTICS:—D. GRANT CAMPBELL, W. DE M. SCRIVER
LECTURER IN ANÆSTHESIA:—WESLEY BOURNE
DEMONSTRATOR IN PHARMACOLOGY:—J. B. ROSS
ASSISTANT IN PHARMACOLOGY:—H. C. ELLSWORTH

PHARMACOLOGY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

Required Courses

1. **Pharmacology.** The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.
Three lectures a week during the Spring Term supplemented by one conference and one demonstration a week.
The conference groups are limited to four students each.
Drs. Stehle, Melville and Ellsworth.

2. **Pharmacological Laboratory.** The experiments are chosen to illustrate the lectures of the preceding course.
Two periods (six hours) a week during the Spring Term.
Drs. Stehle, Melville and Ellsworth.

THERAPEUTICS

The teaching of therapeutics will be closely linked with that of medicine.

Required Courses

3. **Pharmacy and Prescription Writing.** Five lectures and five laboratory periods during the Autumn term.
Dr. Scriver.

4. **Therapeutics:** Didactic Instruction. A series of 15 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available. These lectures will be given during the Spring Term.

4a. **Therapeutics:** Theatre Lectures. Fifteen clinical lectures to be given in the hospitals during the year in conjunction with the teaching of the Department of Medicine.
Dr. Lewis and Associates.

Text-books in Pharmacology. Cushny, Sollmann, Meyer and Gottlieb, Clark. *Text-book in Therapeutics.* Beckman.

Options

Suitably prepared persons may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See Announcement of the Faculty of Graduate Studies.

MEDICINE

PROFESSOR AND HEAD OF THE DEPARTMENT:—JONATHAN C. MEAKINS

PROFESSOR:—

ASSOCIATE PROFESSOR:—A. H. GORDON

ASSISTANT PROFESSORS:—J. KAUFMANN, D. S. LEWIS, E. H. MASON, C. F. MOFFATT, I. M. RABINOWITCH

LECTURERS:—C. C. BIRCHARD, C. R. BOURNE, E. C. BROOKS, G. R. BROW, J. G. BROWNE, J. S. L. BROWNE, J. R. BYERS, D. G. CAMPBELL, R. H. M. HARDISTY, A. T. HENDERSON, J. F. MCINTOSH, D. W. MCKECHNIE, W. DE M. SCRIVER

DEMONSTRATORS:—L. J. ADAMS, W. W. EAKIN, NEIL FEENEY, A. F. FOWLER, C. W. FULLERTON, KEITH GORDON, C. R. JOYCE, W. R. KENNEDY, H. E. MACDERMOT, J. F. MACIVER, J. WENDELL MACLEOD, J. L. D. MASON, D. L. MENDEL, E. S. MILLS, LORNE MONTGOMERY, E. V. MURPHY, E. E. ROBBINS, J. B. ROSS, H. N. SEGALL, COLIN SUTHERLAND, G. D. TAYLOR, C. J. TIDMARSH

ASSISTANT DEMONSTRATORS:—W. W. ALEXANDER, MARGARET E. B. CAMERON, W. C. GOWDEY, A. R. HALL, R. VANCE WARD

PAEDIATRICS

CLINICAL PROFESSOR:—H. B. CUSHING

LECTURER:—A. GOLDBLOOM, L. LINDSAY, S. GRAHAM ROSS, R. R. STRUTHERS, H. P. WRIGHT

Demonstrators:—Jessie Boyd Scriver, R. C. Stewart, W. E. Williams

Assistant Demonstrators:—A. K. Geddes, Alan Ross, S. J. Usher

PSYCHIATRY

Clinical Professor:—C. A. Porteous

Demonstrators:—G. E. Reed, B. Silverman, C. H. Skitch

DERMATOLOGY

Clinical Professors:—P. Burnett, J. F. Burgess

Lecturer:—A. A. Bruère

Demonstrators:—L. P. Ereaux, B. Usher

Assistant Demonstrator:—Donald S. Mitchell

CLINICAL THERAPEUTICS

Associate Professor of Therapeutics:—D. S. Lewis

Lecturers in Therapeutics:—D. Grant Campbell, W. de M. Scriver

Lecturers in Physio-Therapy:—F. W. Harvey, Norman Brown

Demonstrator in Therapeutics:—J. B. Ross

Foreword on the Courses in Medicine. The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease; to afford a knowledge of the technique and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded by the establishment of a modern medical clinic at the Royal Victoria Hospital. In this institution and at the Montreal General Hospital there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The courses in internal medicine and its various branches are so arranged as to give the individual student as much independence as possible in his selection of his instructors and time and place of his required and elective courses. The University lectures and clinical lectures are open to students of all years. The student, therefore, may within wide limits determine the period and scope of his instruction. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

Required Courses

1. A course of University lectures on Pathological Physiology and general medicine will be given in the autumn, winter, and spring terms, on Monday, Wednesday and Friday mornings, from 9 to 10 o'clock. This course of lectures will cover the field of medicine and will be delivered at the University Medical Building, by Professor Meakins and Assistants.

1a. Courses of lectures will be given in Psychiatry and Therapeutics on two afternoons a week during the autumn and winter terms.

2. Clinical lectures in general medicine. A course of clinical lectures will be delivered throughout the autumn, winter, and spring terms, on two days a week. The exact hour in the different institutions will be announced from time to time. These clinical lectures will be given in the Royal Victoria Hospital and the Montreal General Hospital, by Professors Meakins, Gordon, and Assistants.

3. Clinical lectures in pædiatrics. A course of clinical lectures will be delivered in pædiatrics during the autumn, winter, and spring terms, on one day each week, at the Children's Memorial Hospital, by Professor Cushing and Assistants.

4. A course in the technique of physical examination and normal physical signs will be given in the autumn term, two periods a week, from 10.15 to 11.45 a.m., with one clinical lecture per week as a review. This course will be given to groups of students at the Royal Victoria Hospital and the Montreal General Hospital.

5. This course will cover physical examination and abnormal physical signs, the methods of history-taking, and systematic description of the various systems in a logical order. Its objective will be to prepare students for subsequent clinical and bedside work. It will be given in the autumn,

winter and spring terms, four periods a week of two hours each, from 10.15 to 12.15, to groups of students, at the Royal Victoria Hospital and the Montreal General Hospital.

6. A course in clinical microscopy will be given in the autumn term only. There will be two laboratory periods a week, from 2 to 4 p.m., on Mondays and Fridays, in the Pathological Institute. This course will be organized so as to give instruction and practice in microscopy as applied to clinical medicine.

Dr. Kaufman and Assistants.

7. A course in clinical medicine with case reporting and bedside clinics will be given in the autumn, winter and spring terms, to groups of students at the Royal Victoria Hospital and Montreal General Hospital. Each course will occupy five days a week from 9 a.m. to 3.45 p.m.

Professors Meakins, Gordon and Assistants.

8. A clinical course in pædiatrics will be given during the autumn, winter, and spring terms. This course will have the following divisions:

(a) Diseases of the New Born—Royal Victoria Montreal Maternity Pavilion.

(b) Normal Infant-Feeding and Development—Montreal Foundling Hospital.

(c) General Pædiatrics—Children's Memorial Hospital, Royal Victoria Hospital, and Montreal General Hospital.

(d) A Series of demonstrations to groups of students on the ordinary acute infectious diseases will be given at the Alexandra Hospital.

Professor Cushing and Assistants.

This course in its divisions will be given to groups of students.

9. A clinical course in Mental Medicine will be given in the autumn, winter and spring terms. This course will have the following divisions:

(a) Theatre clinics and bedside clinics on neuroses, psychoses and border line cases during the final year at the Royal Victoria and Montreal General Hospitals.

(b) One period a week during one term will be devoted to clinical demonstrations in Mental Hygiene at the Mental Hygiene Institute Professor W. T. B. Mitchell and assistants.

(c) A certificate of one week's attendance at a Mental Hospital and the submission of three case reports. The attendance may be at any hospital approved by the department.

10. A clinical course in dermatology will be given in the autumn, winter and spring terms of one period a week at the Royal Victoria and Montreal General Hospitals Drs. Burnett and Burgess.

11. A course in clinical therapeutics will be given in the autumn, winter, and spring terms, of one period a week, one and one-half hour's duration, at the Royal Victoria Hospital and the Montreal General Hospital, by Professor Lewis and Dr. D. Grant Campbell.

11a. **Physio-Therapy.** Three lectures and three periods of group instruction at times to be arranged. Drs. Lewis, Brown and Harvey.

12. In the student's final year he becomes virtually a member of the Externe Staff of the teaching hospitals. He may elect to be allotted to the various services in the hospital in the capacity of clinical clerk, participating in the keeping of records, diagnosis and treatment of patients in the wards and Out-Patient Department, and the laboratory duties. He will accompany the physicians in their daily rounds, attend autopsies and report on them to his teachers.

Elective Courses

13. **Physio-Therapy (Practical):** A course of lectures and demonstrations dealing more fully with the application of physical methods to the treatment of disease. Drs. Brown and Harvey.

14. **Therapeutics:** A series of ten evening lectures on certain special aspects of medical treatment will be offered if a sufficient number apply. These lectures will be given by those having a special interest in the various topics, and will be open to students and graduates.

Elective courses for advanced work are offered in the following subjects: Neurology, psychiatry, dermatology, clinical pathology, cardiology, hæmatology, diseases of the lungs, gastro-intestinal diseases, et cetera. The details of these elective courses will be announced at the beginning of each session.

It will be necessary for each student, in addition to taking the required courses, to choose a certain number of elective courses, the number chosen depending upon which elective courses are taken.

Text and Reference Books

General Medicine:—McLeod, "Physiology and Biochemistry in Modern Medicine"; Lewis, "Clinical Electrocardiography" and "Clinical Disorders of the Heart"; Meakins and Davies, "Respiratory Function in Disease"; Todd, "Clinical Methods"; Flint, "Physical Diagnosis"; Cabot, "Physical Diagnosis"; McLester, "Nutrition and Diet in Health and Disease", Krehl, "Basis of Clinical Symptoms"; Osler's "Practice of Medicine"; Cecil's "Text-book of Medicine"; Nelson's "Loose-Leaf System of Medicine"; Oxford, "Loose-Leaf System of Medicine"; Appleton's "Practitioner's Library of Medicine and Surgery"; Mackenzie, "Diseases

of the Heart"; Purves Stewart, "Diagnosis of Nervous Diseases"; Bassler, "Diseases of the Stomach and Intestines"; "Pharmacopœa of the Teaching Hospitals"; Musser, "Internal Medicine".

Pædiatrics:—Holt and Howland; Dennet; Feer, Still; Porter and Carter; Morse and Talbot; Alan Brown; Clendenning, "Methods of Treatment"; Murray, "Symptomatic Diagnosis"; Gradwohl, "Clinical Laboratory Methods and Diagnosis"; H. P. Wright, "Essentials of Infant Feeding".

Psychiatry:—White, "Outlines of Psychiatry"; Kraeplin, "Clinical Psychiatry"; Wimmes Hoisholt, "Psychiatric Neurological Examination Methods"; Jeliffe and White (1923 Ed.), "Diseases of the Nervous System".

Dermatology:—Stellwagon; Walker's Introduction to Dermatology; Hartzell; McLeod; Darier; Campbell; Shamberg; Sutton.

HISTORY OF MEDICINE

PROFESSOR:—SIR ANDREW MACPHAIL

A course of fifteen lectures will be given upon the History of Medicine to inform undergraduates in the Faculty upon the progress of the science. It is the intention to examine the causes which produced the varying conceptions of medicine in times past, rather than burden the student with a narration of facts and a recital of biographies.

NEUROLOGY AND NEUROSURGERY

PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—WILDER PENFIELD

CLINICAL PROFESSORS OF NEUROLOGY:— COLIN RUSSEL, F. H. MACKAY

ASSISTANT PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—WILLIAM CONE

LECTURERS IN NEUROLOGY:— DONALD MCEACHERN, J. N. PETERSEN, A. W. YOUNG, N. VINER

LECTURER IN NEUROSURGERY:—A. R. ELVIDGE

LECTURER IN NEUROLOGICAL ROENTGENOLOGY:—J. SANCHEZ PEREZ

DEMONSTRATORS IN PÆDIATRIC NEUROLOGY:— A. E. CHILDE, H. M. KEITH

ASSISTANT DEMONSTRATOR IN NEUROSURGERY:—THEODORE C. ERICKSON

ASSISTANT DEMONSTRATOR IN NEUROPATHOLOGY:—W. L. REID

Assistant Demonstrator in Neurophysiology:—J. P. Evans

Research Fellows in Neurology and Neurosurgery:—J. Kershman, R. Pudenz, D. Reeves, K. Santha, Francis McNaughton

The Department of Neurology and Neurosurgery co-operates intimately with the Departments of Medicine and Surgery in their regular teaching.

In addition the following elective courses are offered:

1. Case Presentations. Diseases of the Nervous System. Outpatient Department, Royal Victoria Hospital, Tuesdays at 3.00 p.m. Dr. Penfield.

2. The Anatomical Basis of Clinical Neurology. Lectures and microscopic demonstrations. Neurological Institute. Dr. Petersen.

SURGERY

Professor and Head of the Department:—
E. W. Archibald

Professors:—A. T. Bazin, E. M. Eberts

Associate Professors—F. A. C. Scrimger

Assistant Professors:—W. L. Barlow, C. K. P. Henry, F. E. McKenty

Lecturers:—F. B. Gurd, F. J. Tees

Lecturer in Anæsthesia:—W. B. Howell

Lecturer in Radiology:—W. L. Ritchie

Demonstrators:—John Armour, E. B. Chandler, Howard Dawson, H. M. Elder, G. A. Fleet, Guy Johnson, R. R. Fitzgerald, Mark Kaufmann, C. A. MacIntosh, L. H. McKim, G. Gavin Miller, Dudley Ross, A. Stewart, A. L. Wilkie

Demonstrators in Anæsthesia:—J. W. Armstrong, C. C. Stewart

Assistant Demonstrators:—S. J. Martin, H. Gurth Pretty, Albert Ross, P. G. Silver

Assistant Demonstrators in Anæsthesia:—Clare L. Anderson, F. A. H. Wilkinson

UROLOGY

CLINICAL PROFESSORS:— { D. W. MACKENZIE / F. S. PATCH

LECTURER:—R. E. POWELL

DEMONSTRATORS:— { M. SENG / A. B. HAWTHORNE

ORTHOPAEDIC SURGERY

CLINICAL PROFESSORS:— { W. G. TURNER / J. A. NUTTER

LECTURER:—W. J. PATTERSON

DEMONSTRATOR:—N. T. WILLIAMSON

Foreword on the Courses in Surgery. Instruction in Surgery (and in the surgical specialties) is imparted in the form of didactic lectures, theatre clinics, ward and out-patient teaching.

The *didactic* lectures are not designed to cover the whole field of general and special surgery, but rather to present the principles of the more important surgical diseases and injuries. Surgery as a whole must be studied in the recommended text books. The early lectures of this course, being introductory, are offered particularly to students who are beginning their clinical work (7th term). They deal with the fundamental principles of inflammation, wound healing, new growths and congenital abnormalities.

The *Theatre clinics* in both hospitals will demonstrate, in so far as is possible, the whole field of general surgery and the surgical specialties. In the earlier terms instruction will be given in the commoner ailments of general surgery, while during the later periods the special subjects of orthopædics, genito-urinary-surgery, neuro-surgery and thoracic surgery will be given a due proportion of the time.

In the *wards and out-patient departments,* instruction can be given to smaller groups. In these classes one may more readily differentiate elementary instruction from that given to more advanced students. In other words, to the junior group are taught the principles of careful history taking, of physical examination and of accurate observation. Later comes instruction in minor surgery, the dressing of wounds, bandaging and the application of splints; while to the advanced students is demonstrated major surgery from selected cases in the wards and operating theatre. Such advanced students are given patients in rotation and become ward dressers. The specific duty is laid upon them of recording the case histories, making all necessary examinations and laboratory tests, and of assisting

at operations. Group teaching at the bed-side, and ward rounds are added to their training, and they are given all the privileges of an externe of the surgical service.

Required Courses

1. Didactic Lectures.

Three times weekly for the first two terms, 9-10 a.m., in the Medical School.....Professor Archibald and Staff.

2. Theatre Clinics.

Twice weekly throughout the session, 12.45 p.m., at both general hospitals.
These clinics are open to all students from the seventh term onwards.
Professors Archibald and Bazin and Staff.

3. Ward and Out-Patient Instruction.

Four times weekly, 10.30 a.m. to 12 noon, in groups to be arranged in both general hospitals.
Independent ward work can be done by those to whom cases are allotted at any time during the day excepting the meal and visiting hours.

4. Surgical Specialties.

The surgical specialties are taught in the later periods, to some extent in didactic lectures and theatre clinics, but chiefly in the wards and out-patient departments.

5. Anæsthesia.

Didactic lectures and laboratory demonstrations of anæsthesia are given by the Department of Pharmacology and Therapeutics to the students of the earlier clinical years, while practical instruction in the administration of anæsthetics is given in the hospital to the more advanced students. Every student is obliged to furnish a certificate of having given at least six anæsthetics under supervision.

Text-books:—

1. *General Surgery*: John Homans, "A Text-book of Surgery." Choyce, C. C., "A System of Surgery"; Thomson and Miles, "Manual of Surgery"; Gask and Wilson, "Surgery"; Hamilton Bailey, "Demonstrations of Physical Signs in Clinical Surgery."

2. *Emergency Surgery*: Sluss, John W., "Manual of Emergency Surgery."

3. *Surgical Anatomy*: McGregor, "Synopsis of Surgical Anatomy." Treves, "Surgical Applied Anatomy."

4. *Fractures*: Scudder, Charles L., "Treatment of Fractures"; Wilson and Cochrane, "Fractures and Dislocations."

5. *Case Reporting*: White, J. Renfrew, "The Clinical Examination of Surgical Cases."

6. *Urology*: Keyes' Urology, Mackenzie, "Surgery of the Bladder" (Oxford ~~Press~~). torn leaf - v. 3, pt. 3, p. 1159.
Collateral Reading: Hinman, The Principles and Practice of Urology; Cabot, Modern Urology; Lewis, System of Surgery, vols. 8-9; Eisendrath and Rolnick, Urology; Young, Urology; Stokes, Modern Clinic Syphilology.

7. *Orthopædic Surgery*: Whitman's "Orthopædic Surgery"; Fraser, "Tuberculosis of Bones and Joints of Children"; Tubby and Jones, "Surgery of Paralysis"; Jones, "Orthopædic Surgery of Injuries"; Jones and Lovett, "Orthopædic Surgery."

8. *Rœntgenology*: Harrison, "Textbook of Rœntgenology (Ward).

OBSTETRICS AND GYNAECOLOGY

PROFESSOR AND HEAD:—J. R. FRASER

CLINICAL PROFESSORS:— H. C. BURGESS, J. W. DUNCAN, J. R. GOODALL

LECTURER:—W. A. G. BAULD

DEMONSTRATORS:— A. D. CAMPBELL, DOUGLAS GURD, G. C. MELHADO, IVAN PATRICK, ELEANOR PERCIVAL

CLARA LAW FELLOW AND DEMONSTRATOR:—P. J. KEARNS

ASSISTANT DEMONSTRATORS:— STEWART HENRY, N. W. PHILPOTT, C. V. WARD

The entire course is arranged on the basis of imparting a practical knowledge of Obstetrics, Gynæcology and the Care of the New-born. Throughout all trimesters the value of intimate contact with the patient in the normal and the pathological state is stressed.

The privilege of serving as an interne in the hospital for two weeks treating the patients from the time of delivery till discharge from hospital is an ideal arrangement. Each student serves in the ante-natal clinics in the city.

OBSTETRICS

Required Courses

1. An introductory course of thirty lectures on the fundamental principles of the subject dealing with the Anatomy, Embryology, Physiology and Pathology of the Pelvic Organs.
The Medical School. Three times a week—Spring Term.
Professor Fraser.

2. **Clinical instruction** during the year in the Royal Victoria Montreal Maternity Pavilion, including the conduct of labor and the puerperium in case room and wards, together with ante-natal care in the out-patient department.
Autumn, Winter and Spring Terms.

3. **Special courses in obstetrical palpation** and on the manikin daily throughout the session with the aid of models, diagrams and lantern slides. Autumn, Winter and Spring Terms.

4. **Clinical conference** once weekly in the theatre throughout the year for the entire class, where living cases are presented illustrating the more important obstetrical conditions.
Autumn, Winter and Spring Terms.

5. **Group Instruction.** The teaching in the final year is conducted entirely by senior teachers.
Small groups of students are instructed in the Wards, Case Rooms and Out-patient Department in methods of examination, problems of delivery and the principles of treatment.

6. **Lecture Demonstrations** in the theatre are held daily during each term on the following subjects:—
A. Normal Labor Dr. Melhado.
B. Puerperal Infection Dr. A. D. Campbell.
C. Hæmorrhages of Pregnancy. Labor and the Puerperium.
Professor Duncan.
D. Toxæmia of Pregnancy Professor Goodall.
E. Dystocia Professor Burgess.

7. **Care of the New-born.** Drs. Ross & Struthers.
The clinical demonstration once weekly throughout the year by the Pædiatrician in charge of the New-born, is intended to provide a clear and concise survey of the physiology and pathology of the New-born. Particular emphasis is laid on infant feeding and neonatal disease.

8. **The Staff Conference** held once a week is arranged to give a complete account of the work of the hospital.

NOTE: Rooms are provided in the new pavilion where the students may reside, in groups of six, for a period of two weeks. During his period of interneship the student will under supervision deliver patients both in hospital and at their homes, and will undertake the medical care of mother and child during the puerperium.

GYNAECOLOGY

1. Theatre clinics and bedside instruction in the Royal Victoria and Montreal General Hospitals..... Professor Fraser, Dr. Campbell and Staff.

2. A special course on Gynæcological Pathology..... Dr. P. J. Kearns.

3. Methods of Gynæcological examination, diagnosis and treatment in the outdoor departments.

4. A special course of instruction, once a week, throughout the year in the cancer clinic on methods of diagnosis and treatment of cancer, dealing especially with Radium and X-Ray.....Dr. Bauld and Staff.

Text and Reference Books

Obstetrics

(1). De Lee	Principles and Practice of Obstetrics.
(2). Williams	Text book on Obstetrics.
(3). Ten Teachers	Midwifery.
(4). Harper	Clinical Obstetrics.
(5). Bourne	Synopsis of Midwifery and Gynæcology.
(6). Johnson, R. W.	Text book of Midwifery.
(7). Bland	Practice of Obstetrics.
(8). Miller, J.	Manual of Obstetrics.
(9). Appleton	Obstetrical and Gynæcological Monographs.
(10). Peterson	Demonstration Course in Obstetrics.

Gynæcology

(1). Graves	Text book of Gynæcology.
(2). Curtis	Text book of Gynæcology and System of Gynæcology and Obstetrics.
(3). Ten Teachers	
(4). Monroe Kerr	Gynæcology.
(5). Blair Bell	Principles of Gynæcology.
(6). Kelly, Howard	Text book of Gynæcology.
(7). Goodall	Puerperal Infection.
(8). Crossen	Gynæcology.

OPHTHALMOLOGY

PROFESSOR:—W. GORDON M. BYERS

CLINICAL PROFESSORS:— S. H. McKEE, F. T. TOOKE

DEMONSTRATORS:— A. G. McAULEY, J. A. MACMILLAN

ASSISTANT DEMONSTRATORS:— A. BRAMLEY-MOORE, STUART RAMSEY, J. ROSENBAUM

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses:—

1. Routine examination of the eye.

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours Professors Byers and members of the Staff.

2. Lecture demonstrations.

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential concepts for the clinical work of the Fifth Year.

Ten Hours Professor Byers.

3. Clinical Ophthalmology.

In the Final Year, the entire available time is devoted to an intensive study of the ocular problems that are of greatest moment in general practice—the external diseases of the eye, and the main ophthalmoscopic findings in systematic disorders and affections of the nervous system; with practical lessons in ophthalmic nursing and first aid. This work is conducted in the ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals.

Professors Byers, McKee, Tooke and Staff.

Text-books:—Parsons, May, Swanzy, De Schweinitz, Fuchs.

OTO-LARYNGOLOGY

LECTURERS :— D. H. BALLON, G. E. HODGE

DEMONSTRATORS :— K. O. HUTCHISON, W. J. MCNALLY, B. F. MACNAUGHTON, J. E. TREMBLE, R. P. WRIGHT

Instruction in Oto-Laryngology is given to students of the third, fourth and fifth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Third Year:

An introductory course of five demonstrations is given to students of the third year. These demonstrations deal with the normal anatomy of the ear, nose, throat, and with methods of examination. An opportunity is also afforded of studying rœntgenograms of normal and pathological nasal accessory sinuses and mastoids.

Fourth Year:

Five practical demonstrations are given on the common pathological conditions of the ear, nose, and throat.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the œsophagus.

Fifth Year:

Ten clinical demonstrations are given in the out-patient departments and wards of the hospitals. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books:—Sir St. Clair Thomson: Diseases of the Nose and Throat; Turner A. Logan: Diseases of the Nose, Throat and Ear; Chevalier Jackson and G. M. Coates: The Nose, Throat and Ear and Their Diseases; Philip O. Kerrison: Diseases of the Ear; Chevalier Jackson: Bronchoscopy, Oesophagoscopy and Gastroscopy; D. H. Ballon: Chapters on Bronchoscopy and Oesophagoscopy in Surgical Diseases of the Chest by Evarts A. Graham, J. J. Singer, Harry C. Ballon.

GRADUATE INSTRUCTION

1.

Any medical graduate of McGill University who so desires may attend any of the regular undergraduate clinics. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. **Special graduate work** is offered in every department, both in the laboratories and in the clinics. Applications in writing, addressed to the head of the department concerned, must state the qualifications and experience of the applicant and the nature of the work he desires to do. The minimum fee is $30.00 a term (10 weeks).

3. **Course for Diploma of Public Health:** This course is specially designed as a thorough training for medical men undertaking the duties of a Medical Officer of Health.

The duration of the course is at least eight months (October 1st to May 31st).

The curriculum is as follows:—

(a) A course of lectures dealing in a comprehensive manner with the general principles of public health and preventive medicine.

(b) Bacteriology—a full practical course in general bacteriology, with special application to public health.

(c) (1) *Sanitary Chemistry*. Examination of air, water and water supplies in general, the commoner foods and beverages, sewage and sewage effluents, etc.; chemical investigations connected with trades and occupations; (2) *Physics*. General principles only in their application to hygiene.

(d) Practical public health work. An extended course under a M.O.H., affording facilities for instruction in public health relating to housing, factories, work-shops and industrial establishments, schools, waterworks, sewage plants, refuse distribution, abattoirs, dairies and milk stations, welfare centres, etc.

(e) Public health legislation and administration. Statutes and by-laws relating to public health and the powers of health authorities; administration of the office of a Medical Officer of Health.

(f) Vital statistics. Calculation and tabulations of returns of births, marriages and deaths and diseases.

(g) Meteorolgy and climatology; geographical and topographical distribution of disease.

Candidates for this diploma may claim exemption in any of the above subjects on presentation of adequate certificates.

Qualification for the diploma includes a knowledge of communicable diseases, of child hygiene and mental hygiene, the use of meteorological, hygienic and sanitary apparatus.

The successful candidate must further know the appearance of healthy and diseased tissues of animals, and their microscopic examination.

Finally, he must show a capacity to formulate a report on public health conditions in an actual locality and make annual and other reports as required by Officers of Health.

These examinations are written, oral and practical.

The fee for the course is $150.00 for British Subjects and $200.00 for non-British Subjects.

4. Special Courses in Public Health. Graduates desiring instruction in any special branch of Public Health and Preventive Medicine, such as School Health Services and Industrial Hygiene, should apply to the Head of the Department. Courses will be arranged, suitable for the applicants, in order that they may receive full benefit from the time devoted to the course.

BUILDINGS

THE MEDICAL BUILDING

This Building, erected in 1911, at a cost of over $600,000, contains the Offices of Administration, the Medical Library (with its 49,000 volumes, its Reading Rooms and their complete set of technical journals), the Departments of Anatomy, Histology, Hygiene, and the magnificent Museums of Anatomy, Pathology and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department.

The Department of Histology and Embryology, too, has excellent facilities, with laboratory space for 120 students, and smaller laboratories for research.

THE BIOLOGICAL BUILDING

Completed in 1922 at a cost of over $500,000, this building was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. This extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Biochemistry, Physiology and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the Laboratory for Experimental Surgery. This two-storey biulding contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital by a tunnel, is situated on the Northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology, Bacteriology and Medical Jurisprudence, and includes a Pathological Museum and museum workshops. It combines under one roof, quarters for teaching and research in these departments, both for the University and for the Royal Victoria Hospital. From the latter is drawn chiefly its material. It was constructed at a cost of $460,000; is of Montreal limestone; its main front is 242 feet long; the north end is 77 feet wide and the south end 60 feet. It provides ample facilities and equipment for instruction of students, and the research work of the Staff.

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for

research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and Neuro-surgery, which conducts both undergraduate and graduate teaching in the Faculty of Medicine. In addition to wards, operating rooms, laboratories, etc., the building provides complete residential accommodation for eight fellows.

HOSPITALS

Few medical schools on this Continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical School is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:—

Royal Victoria Hospital.
Montreal General Hospital.
Children's Memorial Hospital.
Foundling Hospital.
Alexandra Hospital for Infectious Diseases.
Verdun Protestant Hospital.
Royal Edward Institute for Tuberculosis.
The Royal Victoria Montreal Maternity Hospital.

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical School. These affiliated hospitals contain over 2,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University building, is a general hospital for acute diseases and contains 709 beds and 110 cribs. During 1935 it cared for 12,879 cases, while in its outdoor department 88,250 cases were treated. Many new additions have been made to the Hospital. A modern University Medical Clinic was established in 1924.

There were 179 post-mortems.

The number of resident physicians is 45.

The Royal Victoria-Montreal Maternity Pavilion, with 214 beds for obstetrical and gynæcological cases, was opened in June, 1926. In this institution there are 117 teaching beds and an organized out-patient ser-

vice which is of the greatest benefit to the undergraduate student. During the year 1935 the obstetrical service cared for 1,513 confinements in the Hospital and 408 in the Out-patient Service, a total of 1,921. In the gynæcological section, 1,133 cases were admitted during the year.

There are nine resident physicians.

The Montreal General Hospital, Central and Western Divisions, is a general hospital for the treatment of acute diseases and contains 600 beds. In 1935 there were 9,753 admissions, giving a total of 169,064 patient days. The number of patients' visits to the Outpatient Department of both Divisions totals 230,583. Many modern additions to the original buildings have been made permitting increased bed capacity. There is a large biochemical laboratory completely equipped for the complete investigation of the metabolic aspects of disease and in conjunction with this department there is an outpatient clinic, one of the largest on the continent, for the treatment of diabetes mellitus. There were 264 autopsies performed which represents 84% of all autopsies obtainable, i.e., other than coroner's cases, etc. Post mortem and surgical material at both Divisions is now used for teaching and clinical teaching is carried out in the public wards at both Divisions. The number of resident physicians is 50. The Dental Clinic of the University completed in 1921 is located at the Central Division and has 50 dental chairs with a large and varied clientele. The number of visits to the Dental Clinic for the year 1935 was 23,412.

The Children's Memorial Hospital has 300 public beds, and, in 1935, admitted 3,198 patients. The attendance at its out-door department totalled over 35,000 visits from 8,653 patients. This hospital admits all classes of cases of disease in children, and enables the students to get a broad conception of pædiatrics. Of special interest are the newly-built wards with cubicles, the Departments of Remedial Gymnastics, the Open-air Pavilions, and the well-equipped out-patient service.

There were 98 autopsies during the year.

The number of resident physicians is 13.

A short post-graduate course lasting one week is offered during the month of September, before the beginning of the regular session, when clinics, lectures and demonstrations on the more important phases of pædiatrics are given.

The Montreal Foundling and Baby Hospital has been taken over by the Children's Memorial Hospital, and the two institutions will be used as before for the teaching of students. The Foundling Hospital affords a large amount of clinical material and gives special facilities for instruction in child welfare and infant feeding. There are 75 beds.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata. There are 172 beds, and, in 1935, 1,647 patients were admitted to the hospital. There were 19 autopsies.

The number of resident physicians is 4.

The Verdun Protestant Hospital has 1,100 beds. It serves to instruct students in the diagnosis and treatment of the psychoses. Students are taken about the wards in groups, and are required to report on cases and discuss the general problems of psychiatry with the teachers. Occupational therapy is emphasized.

The Royal Edward Institute in its new building, 3674 St. Urbain St., has space for 23 beds, with operating room, X-Ray equipment and modern facilities for the examination of patients, is essentially a dispensary for tuberculosis and offers adequate material for teaching students, in groups, the essential features of pulmonary disease.

The Royal Victoria Hospital is adjacent to the Medical School, while the other affiliated hospitals are within easy access. These hospitals, with their large clinical and laboratory facilities, and their close affiliation with the University, offer excellent opportunities for the study of disease in all its phases.

LIBRARY

HONORARY LIBRARIAN:—DR. C. F. WYLDE

The Library occupies the central part of the Medical Building, the whole front of the second and third floors, as well as a portion of the first floor. On the third floor is the magnificent reading room, 76 x 24 feet, exceptionally well lighted, and capable of accommodating seventy-five readers. On this floor also are the journal room and private office. The second floor contains the stack room, the book stacks at present containing about 49,000 volumes, as well as eight sections of unbound material in cases, such as hospital reports, university calendars, government publications and theses and having a total capacity of sixty thousand volumes; also three study rooms. On the first floor are the cataloguing rooms, offices and pamphlet room.

A special feature of the Library is the journal collection, and every effort is being made to complete this section as far as possible, and thus to increase the value of the reference department of the Library. Through the generosity of interested friends there is also a valuable collection of approximately one thousand volumes of early works on the History of Medicine, dating from the fifteenth century. These can be consulted at

the Library. The Library is also very rich in ophthalmological material, largely through the interest of Dr. Casey A. Wood, who not only has given his private collection, but has continued each year to send many valuable books and periodicals. Through his generosity, in a short time the library will have one of the most complete ophthalmological periodical collections on this continent.

A complete journal collection is listed in the Catalogue of Scientific Periodicals in Canadian Libraries, and also in the Union List of Serials published by the W. H. Wilson Company.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other colleges showing proper credentials, and registered nurses. It is felt that graduates living at a distance are not aware of the fact that books may be borrowed from the Library on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during term from 9 a.m. to 6.30 p.m., and 7.30 to 9.30 p.m., except Saturdays, when it is closed at 5 p.m. After June 1st it is open from 9 a.m. to 5 p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

LIBRARIAN:—W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises about 8,500 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue has been completed, indexed, and printed since his death ("Bibliotheca Osleriana," Clarendon Press, Oxford, 1929, xxxvi, 785 pp.)

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 136 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give

advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

1. THE McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:—

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers, are kept on file.

2. ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Fourth and Fifth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

3. THE OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussions. Each year an Honorary President has been elected from this older group.

McGill University has been greatly enriched by the gift of the Osler Library, bequeathed by Sir William. Members of the Society are fortunate in having ready access to this unique source of original material, comprising as it does a rare and valuable collection of some 8,000 volumes and pamphlets devoted to the history of science and medicine from the time of Hippocrates.

McGILL UNIVERSITY

MONTREAL



ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE

1937-1938

McGILL UNIVERSITY

MONTREAL



ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE

1937-1938

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ADMINISTRATIVE OFFICERS

ACTING PRINCIPAL

W. H. BRITTAIN, M.S. in Agr., Ph.D., F.R.S.C.

DEAN OF THE FACULTY OF MEDICINE

GRANT FLEMING, M.C., M.D., D.P.H., F.R.C.P. (C.)

ASSOCIATE DEAN AND SECRETARY OF THE FACULTY OF MEDICINE

J. C. SIMPSON, B.Sc., LL.D.

SECRETARY AND BURSAR

F. O. STREDDER, M.A., Ph.D.:—OFFICE, EAST WING, MCGILL COLLEGE
(*Office Hours*:—*9 to 5*)

REGISTRAR

T. H. MATTHEWS, M.A.:—OFFICE, EAST WING, MCGILL COLLEGE
(*Office Hours*:—*9 to 5*)

ASSISTANT BURSAR

W. BENTLEY, C.G.A.

UNIVERSITY LIBRARIAN

GERHARD R. LOMER, M.A., Ph.D., F.L.A.

HONORARY MEDICAL LIBRARIAN

C. F. WYLDE, C.B., M.D., C.M.

OSLER LIBRARIAN AND DIRECTOR OF THE MUSEUM OF THE HISTORY OF MEDICINE

W. W. FRANCIS, A.B., M.D.

ASSISTANT SECRETARY, FACULTY OF MEDICINE

MISS G. D. MUDGE

CALENDAR OF THE FACULTY OF MEDICINE

FOR THE SESSION 1937-38

	1937		
Mon.,	Aug.	30th	
	and		
Tues.,	Aug.	31st	Registration of students in First and Second Years Medicine.
Wed.,	Sept.	1st	Autumn Term for students in First and Second Years Medicine begins.
Mon.,	Sept.	6th	Labour Day. No lectures.
Tues.,	Sept.	7th	Register opens for students in Third, Fourth and Fifth Years Medicine.
Wed.,	Sept.	15th	Autumn Term for students in Third, Fourth and Fifth Years Medicine begins.
Wed.,	Oct.	6th	Founder's Day. Convocation. (James McGill born October 6th, 1744, died December 19th, 1813.)
Wed.,	Oct.	6th	Register closes for the session.
Mon.,	Oct.	11th	Thanksgiving Day. No lectures.
Thurs.,	Oct.	14th	Sports Day. No lectures.
Thurs.,	Nov.	11th	Remembrance Day.
Tues.,	Nov.	23rd	Autumn Term ends.
Wed.,	Nov.	24th	Winter Term begins.
Tues.,	Dec.	21st	Last day of lectures before Christmas.
	1938		
Wed.,	Jan.	5th	Lectures resumed.
Tues.,	Feb.	15th	Winter Term ends.
Wed.,	Feb.	16th	Spring Term begins.
Sat.,	Feb.	26th	Short Recess. No lectures.
	to		
Mon.,	Feb.	28th	
	(inclusive)		
Fri.,	April	15th	Easter vacation.
	to		
Mon.,	April	18th	
	(inclusive)		

Tues.,	April	26th	Spring Term ends for students in Third, Fourth and Fifth Years Medicine.
Fri.,	April	29th	Examinations for students in Third, Fourth and Fifth Years Medicine begin.
Thurs.,	May	26th	Convocation.
Wed.,	June	1st	Third Term ends for students in First and Second Years Medicine.
Tues., and Wed.,	Aug. Aug.	30th 31st	Students in the first three years in Medicine register.
Thurs.,	Sept.	1st	Lectures in the first three years in Medicine begin.
Tues., to Wed.,	Sept. Sept.	6th 14th	Students in Fourth and Fifth Years Medicine register.
Thurs.,	Sept.	15th	Lectures in Fourth and Fifth Years Medicine begin.

OFFICERS OF INSTRUCTION

FACULTY OF MEDICINE

EMERITUS PROFESSORS

HENRI A. LAFLEUR, B.A., M.D., LL.D. (Queen's and McGill), F.R.C.P. (C).
Emeritus Professor of Medicine. 1414 Drummond St.

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Demonstrator in Ophthalmology. 1396 St. Catherine St. W.

G. A. Stuart Ramsey, B.A., M.D., C.M.
Demonstrator in Ophthalmology. 1496 Mountain St.

A. K. Geddes, M.D., C.M.
Demonstrator in Pædiatrics. 1390 Sherbrooke St. W.

P. G. Silver, B.Sc., M.D., C.M.
Demonstrator in Surgery. 1414 Drummond St.

J. S. Henry, M.D., C.M., M.C.O.G.
Demonstrator in Obstetrics and Gynæcology.
1414 Drummond St.

N. W. Philpott, M.D., C.M., M.C.O.G. (Eng.).
Demonstrator in Obstetrics and Gynæcology.
1509 Sherbrooke St. W.

C. V. Ward, B.A. (Bishop's), M.D., C.M.
Demonstrator in Obstetrics and Gynæcology.
1374 Sherbrooke St. W.

Gordon A. Copping, M.D., C.M.
Demonstrator in Medicine. Montreal General Hospital.

J. P. Evans, M.Sc., M.D. (Harvard).
Demonstrator in Neurophysiology.
Montreal Neurological Institute.

Francis McNaughton, B.A., M.D., C.M.
Demonstrator in Neuroanatomy. Montreal Neurological Institute.

Alan Ross, M.D., C.M.
Demonstrator in Pædiatrics. 1414 Drummond St.

H. Gurth Pretty, M.D., C.M.
Demonstrator in Surgery. 1414 Drummond St.

F. A. H. Wilkinson, M.D., C.M., D.A. (R.C.P. & S. Eng.).
Demonstrator in Anæsthesia. Royal Victoria Hospital.

E. W. Workman, M.Sc., M.D., C.M.
Demonstrator in Anatomy. Medical Arts Building.

J. C. Luke, B.A., M.D., C.M.
Demonstrator in Anatomy. Royal Victoria Hospital.

Kenneth T. MacFarlane, M.D. (Western Ontario).
Assistant Demonstrator in Obstetrics and Gynaecology.
1374 Sherbrooke St. W.

Margaret E. B. Cameron, B.A., M.D., C.M.
Assistant Demonstrator in Medicine. Royal Victoria Hospital.

S. J. Martin, M.D., C.M., F.R.C.S. (Edin.).
Assistant Demonstrator in Surgery. Medical Building.

J. C. Sutton, B.A., M.D., C.M.
Assistant Demonstrator in Surgery. 1538 Sherbrooke St. W.

A. Bramley-Moore, B.A., M.D., C.M.
Assistant Demonstrator in Ophthalmology.
The Linton, 1509 Sherbrooke St. W.

W. C. Gowdey, M.D., C.M.
Assistant Demonstrator in Medicine.
4492 Sherbrooke Street, Westmount.

Frederick D. Ackman, M.D., C.M.
Assistant Demonstrator in Surgery. 1374 Sherbrooke St. W.

Edgar M. Cooper, M.D., C.M.
Assistant Demonstrator in Surgery. 1414 Drummond St.

George D. Little, M.D., C.M.
Assistant Demonstrator in Surgery. 1538 Sherbrooke St. W.

S. J. Usher, B.A., M.D., C.M.
Assistant Demonstrator in Pædiatrics. 1538 Sherbrooke St. W.

Theodore C. Erickson, M.A., M.Sc., M.D. (Minnesota).
Assistant Demonstrator in Neurosurgery.
Montreal Neurological Institute.

Donald S. Mitchell, B.Sc., M.D. (Northwestern).
Assistant Demonstrator in Dermatology. 1414 Drummond St.

William Lister Reid, M.B., B.S. (Adelaide).
Assistant Demonstrator in Neuropathology.
Montreal Neurological Institute.

D. Reeves, A.B., M.D. (J.H.U.).
Assistant Demonstrator in Neurosurgery.
Montreal Neurological Institute.

A. B. Hall, M.D., C.M.
Assistant Demonstrator in Medicine. 1414 Drummond St.

F. McIver Smith, M.Sc., M.D., C.M.
Assistant Demonstrator in Medicine. Montreal General Hospital.

Howard S. Mitchell, M.D.
Assistant Demonstrator in Medicine. 1414 Drummond St.

P. N. MacDermot, M.D., C.M.
Assistant Demonstrator in Pædiatrics. 1414 Drummond St.

Thomas G. Fyshe, B.A., M.D., C.M.
Assistant Demonstrator in Pathology. Montreal General Hospital.

J. M. Kilgour, M.D. (Manitoba).
Assistant Demonstrator in Pathology. Montreal General Hospital.

William D. Eaton, B.Sc. (Dalhousie), M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute.

Gordon L. Gilbert, M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute.

FELLOWS

P. J. Kearns, M.Sc., M.D., C.M., M.C.O.G.
Clara Law Fellow and Demonstrator in Obstetrics and Gynæcology. Pathological Institute.

J. Kershman, M.Sc., M.D., C.M.
Research Fellow in the Department of Neurology and Neurosurgery. Montreal Neurological Institute.

Kálmán V. Sántha, M.D., (Budapest).
Research Fellow in the Department of Neurology and Neurosurgery. Montreal Neurological Institute.

Molly Harrower, Ph.D. (Smith), Dip. Psychology (London).
Research Fellow in the Department of Neurology and Neurosurgery. Montreal Neurological Institute.

J. S. M. Robertson, B.Sc., M.B. (Glasgow), F.R.S.C.
Fellow in the Department of Neurology and Neurosurgery. Montreal Neurological Institute.

Walter Martin Nichols, M.B., Ch.B. (Glasgow), F.R.F.P. & S.
Fellow in the Department of Neurology and Neurosurgery. Montreal Neurological Institute.

George Y. McClure, B.S., (Dartmouth), M.D., C.M.
Fellow in the Department of Neurology and Neurosurgery. Montreal Neurological Institute.

HISTORICAL SUMMARY

(Faculty of Medicine)

1821-1936

1744 James McGill, born October 6th (Founder's Day). Died 1813.

1801–02 Royal Institution for Advancement of Learning contemplated by Provincial Act of Parliament.

1811 Will by James McGill leaving landed estate and £10,000 to Royal Institution for Advancement of Learning for founding a University.

1818 Royal Institution for Advancement of Learning incorporated. Montreal General Hospital opened on original site on St Lawrence Street.

1821 Royal Charter granted to the Royal Institution for the Advancement of Learning for the foundation of McGill College. Cornerstone of new Montreal General Hospital laid.

1822–24 Montreal Medical Institution organized as a Medical School by Officers of Montreal General Hospital. At opening lecture at No. 20 St. James Street on October 28, 1824, there were four teachers and twenty-five students.

1829 Estate of James McGill surrendered by residuary legatee. First meeting of Governors at Burnside House. Montreal Medical Institution "engrafted upon" McGill University as its Medical Faculty. First session of Faculty of Medicine.

1831 Medical Faculty petitioned Legislature for permission to grant degrees, and framed statutes to fulfil conditions of charter for same by order of Solicitor-General.

1832 Statutes approved and permission to confer degrees granted to Medical Faculty, and Professorships granted by Crown to Drs. Holmes, Caldwell, Robertson and Stephenson.

1833 First University degree conferred in Medical Faculty upon W. Logie.

1836–37 Faculty removed to building next to present Bank of Montreal.

1840 Faculty removed to St. George Street.

1842 Arts Building erected on University grounds, where medical lectures were held 1845–51.

1852 Faculty removed to Côté Street.

1855 Sir William Dawson appointed Principal.

1860 Geo. W. Campbell appointed Dean, serving until 1882.

1872 First independent Medical Faculty building on University ground.
Graduation of William Osler.

1882 Geo. W. Campbell Memorial Fund for Medical Faculty ($50,000); Leanchoil Endowment Fund for Medical Faculty (Lord Strathcona, $50,000).
R. P. Howard appointed Dean.

1885 New laboratories erected in Medical Building (Lord Strathcona, $100,000).

1889 Robert Craik appointed Dean—George Ross, Vice-Dean.

1893 Pathological Laboratory erected (John H. R. Molson, $60,000); Chairs of Hygiene and of Pathology endowed (Lord Strathcona, $100,000).
Mrs. Mary Dow Endowment Fund presented to Medical Faculty ($10,000).

1894 Royal Victoria Hospital opened (Lord Mount-Stephen and Lord Strathcona).

1895 Sir William Peterson appointed Principal.

1898–01 Medical Faculty Building reconstructed and enlarged with new laboratories, etc. (Lord Strathcona, $100,000).
Joseph Morley Drake Chair of Physiology founded ($25,000).

1901 Thomas G. Roddick appointed Dean.

1906 Alexandra Hospital for Infectious Diseases opened.

1907 Medical Building partly destroyed by fire.

1908 F. J. Shepherd appointed Dean.

1909–11 New Medical Building (as at present) erected. (Lord Strathcona, $450,000).

1911 Robert Reford endowment of Department of Anatomy ($10,000).
Arthur A. Browne Memorial Fund for Research established ($10,000).
Dr. James Douglas research fellowship in Pathology founded ($25,000).

1912 Eddie Morrice Laboratory of Pharmacology opened (D. Morrice, $14,000).
James Cooper Endowment Fund established for Internal Medicine ($60,000).

1913 Graduates of the Faculty of Medicine subscribed $12,566 to meet fire loss.

1914 H. S. Birkett appointed Dean.
No. 3 (McGill) General Hospital organized for Overseas service.
New Foundling Hospital opened.

1916 Ross Memorial Pavilion (J. K. L. Ross), opened by H.R.H. Duke of Connaught.

1917 Geo. Ross Endowment Fund for Medical Faculty presented.

1919 Sir William Macdonald bequeathed $500,000 to Medical Faculty.
Faculty of Dentistry established. Osler Library (of the history of medicine and science) bequeathed to the Faculty of Medicine by Sir William Osler.

1920 Sir Arthur Currie appointed Principal.
Dr. J. W. Scane appointed Assistant Dean.
Children's Memorial Hospital affiliated with McGill.

1921 Centenary Celebration.
Friends and Graduates of McGill donated $4,000,000 to University.
Province of Quebec donated $1,000,000 to University.
Rockefeller Foundation granted $1,000,000 to Medical Faculty.
F. G. Finley appointed Dean.

1922 Laboratories for Biological Sciences opened.
Geo. E. Armstrong appointed Dean.
New Outpatient Department erected at Royal Victoria Hospital.

1923 Pathological Institute erected.
C. F. Martin appointed Dean.

1924 Rockefeller Foundation gave $500,000 to Medical Faculty to establish University Clinic in Department of Medicine at Royal Victoria Hospital.
Amalgamation of Western Hospital with the Montreal General Hospital.

1925 Erection of Royal Victoria-Montreal Maternity Pavilion.
Roddick Memorial Gates opened.

1926 Closing of old Montreal Maternity Hospital.

1927 Sub-department of Industrial Medicine formed, with Industrial Clinic at the Montreal General Hospital. (Grant of $25,000 from Metropolitan Life Insurance Company).
Inter-Hospital Commission formed for purposes of administration.

1929 Opening of new laboratory building for Experimental Surgery (Dean and Mrs. C. F. Martin, $40,000). Rockefeller Foundation gave $85,000 for research in Surgery.

1931 New wing added to Children's Memorial Hospital.

1932 Gift of $1,232,652 from the Rockefeller Foundation for the Department of Neurology and Neurosurgery.

1932 New building of Royal Edward Institute for Tuberculosis opened and affiliated with McGill University.

1933 Montreal Foundling and Baby Hospital taken over by Children's Memorial Hospital.

1935 A. E. Morgan appointed Principal.
Blanche Hutchinson Research Fund received (approximately $85,000.00).

1936 Dean Martin retired.
Professor Grant Fleming appointed Dean.
Gilman Cheney Chair of Biochemistry established.

OFFICERS AND MEMBERS OF THE FACULTY SINCE ITS ORIGIN

DEANS

Dr. R. Robertson, official head of the Montreal Medical Institution, 1823, was followed by Dr. John Stephenson in 1829 as Registrar and official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with the title of Secretary.

A. F. Holmes, 1854.
Geo. W. Campbell, 1860.
R. P. Howard, 1882.
Robert Craik, 1889.
George Ross (Vice-Dean), 1889.
Thomas G. Roddick, 1901.
Francis J. Shepherd, 1908.
Herbert S. Birkett, 1914.
F. G. Finley, 1921.
George E. Armstrong, 1922.
C. F. Martin, 1923.
Grant Fleming, 1936.
J. C. Simpson (Associate Dean), 1936.

REGISTRARS

John Stephenson, 1829.
Archibald Hall, 1842.
William Wright, 1864.
Robert Craik, 1869.
William Osler, 1877.
F. J. Shepherd, 1883 (Acting).
James Stewart, 1884.
R. F. Ruttan, 1891.
E. M. Eberts, 1902.
(J. W. Scane, Assistant Dean, 1920-1922).

Registrarship abolished—1923

SECRETARY

J. C. Simpson, 1923.

MEDICINE

Chair of Medicine
(Founded 1824)

William Caldwell, 1824.
William Robertson, 1833.
Andrew F. Holmes, 1842.
R. P. Howard, 1860.
George Ross, 1889.
James Stewart, 1893.

Chair of Clinical Medicine
(Founded 1845)

James Crawford, 1845 and 1852.
Robt. L. MacDonnell, 1849.
Stephen C. Sewell, 1850.
R. P. Howard, 1856.
Duncan C. MacCallum, 1860.
Joseph M. Drake, 1872.
George Ross, 1872.
Richard L. MacDonell, 1889.
James Stewart, 1891.

Chair of Medicine and Clinical Medicine
(Founded 1907)
(*Chair of Medicine since 1923*)

F. G. Finley, 1907-1924.
H. A. Lafleur, 1907-1919.
C. F. Martin, 1907-1936.
W. F. Hamilton, 1924-1933.
J. C. Meakins,
Professor and Director, 1924.
C. P. Howard, 1924-1936.
A. H. Gordon, 1937.

SURGERY

Chair of Surgery
(Founded 1824)

John Stephenson, 1824.
G. W. Campbell, 1835.
Geo. E. Fenwick, 1875.
T. G. Roddick, 1890.

Chair of Clinical Surgery
(Founded 1840)

James Crawford, 1845.
William E. Scott, 1852.
Duncan C. MacCallum, 1856.
Robert Craik, 1860.
George E. Fenwick, 1867.
Thomas G. Roddick, 1876.
James Bell, 1894.

Chair of Surgery and Clinical Surgery
(Founded 1907)
(Chair of Surgery since 1923)

JAMES BELL, 1907-1911.
GEO. E. ARMSTRONG, 1907-1923.
J. A. HUTCHISON, 1913-1923.
E. W. ARCHIBALD, 1923-1937.
A. T. BAZIN, 1923.
E. M. EBERTS, 1929.

OBSTETRICS AND GYNAECOLOGY

Chair of Obstetrics
(Founded 1824)

WILLIAM ROBERTSON, 1824.
JOHN RACEY, 1833.
GEO. W. CAMPBELL, 1835.
MICHAEL MCCULLOCH, 1842.
ARCHIBALD HALL, 1854.
D. C. MACCALLUM, 1868.
ARTHUR A. BROWNE, 1883.
J. CHALMERS CAMERON, 1886.

Chair of Gynæcology
(Founded 1883)

WILLIAM GARDNER, 1883.
W. W. CHIPMAN, 1910.

Chair of Obstetrics and Gynæcology
(Founded 1913)

W. W. CHIPMAN, 1913-1929.
J. R. FRASER, 1929 Professor and Director.
H. M. LITTLE, 1929-1934.

ANATOMY

(Chair founded 1824)

JOHN STEPHENSON, 1824.
OLIVER T. BRUNEAU, 1842.
WILLIAM E. SCOTT, 1856.
FRANCIS J. SHEPHERD, 1883.
A. C. GEDDES, 1913.
S. E. WHITNALL, 1919-1934.
C. P. MARTIN, 1936.

CHEMISTRY

Chair of Chemistry
(Founded 1824)

ANDREW F. HOLMES, 1824.
ARCHIBALD HALL, 1842.
WILLIAM SUTHERLAND, 1849.
ROBERT CRAIK, 1867.
GILBERT P. GIRDWOOD, 1879.
R. F. RUTTAN, 1902-1928.

Chair of Practical Chemistry
(Founded 1872)

GILBERT P. GIRDWOOD, 1872.
R. F. RUTTAN, 1894.

BIOCHEMISTRY

Chair of Biochemistry

(Founded 1920—endowed 1936)

A. B. Macallum, 1920-1928. J. B. Collip, 1928.
D. L. Thomson, 1936.

INSTITUTES OF MEDICINE

Chair of Institute of Medicine

(Founded 1824 and included the Departments of Physiology, Histology and Pathology)

John Stephenson, 1824.
Stephen C. Sewell, 1842.
Robert L. MacDonnell, 1845.
William Fraser, 1849.
Joseph M. Drake, 1868.
William Osler, 1874.

PHYSIOLOGY

(Founded 1824—endowed 1897)

Wesley Mills, 1886.
N. H. Alcock, 1911.
G. R. Mines, 1914.
John Tait, 1919.
Boris P. Babkin,
(Research Professor), 1928

HISTOLOGY

George Wilkins, 1883-1907.
J. C. Simpson, 1910.

PATHOLOGY

(Founded 1892—endowed 1893)

J. Geo. Adami, 1892.
H. Oertel, 1919.

PHARMACOLOGY

Chair of Pharmacology and Therapeutics

(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1835.
Stephen C. Sewell, 1842.
A. Hall, 1849.
William Wright, 1854.
James Stewart, 1883.
A. D. Blackader, 1891.

Chair of Pharmacology

H. G. Barbour, 1921.
R. L. Stehle, 1924.

BOTANY

(Chair founded 1829)

Andrew F. Holmes, 1829.
Dr. Papineau, 1845.
J. W. Dawson, 1855-56 *and* 1858-83.
James Barnston, 1857-58.
D. P. Penhallow, 1883-1912.
F. E. Lloyd, 1912-1934.

MEDICAL JURISPRUDENCE

(Chair founded 1845)

William Fraser, 1845.
Francis Badgley, 1849.
Francis C. T. Arnoldi, 1850.
William E. Scott, 1851.
William Wright, 1852.
R. Palmer Howard, 1854.
Duncan C. MacCallum, 1860.
George E. Fenwick, 1867.
William Gardner, 1875.
George Wilkins, 1883.
D. D. MacTaggart, 1911-1929.

HYGIENE AND PUBLIC HEALTH

(Chair founded 1871—endowed 1893)

George Ross, 1871.
Thomas G. Roddick, 1873.
Robert T. Godfrey, 1875.
William Gardner, 1879.
R. L. MacDonnell, 1886.
Robert Craik, 1889.
Wyatt Johnston, 1902.
T. A. Starkey, 1902.
A. G. Fleming, Professor and Director of the Department of Public Health and Preventive Medicine, 1926.

OPHTHALMOLOGY AND OTO-LARYNOLOGY

Chair of Ophthalmology and Otology
(Founded 1883)

Frank Buller, 1883.

Chair of Laryngology
(Founded 1893)

G. W. Major, 1893.
H. S. Birkett, 1895.

Chair of Oto-Larynology

H. S. Birkett, 1895-1931.
E. Hamilton White, 1931-1933.

Chair of Ophthalmology

J. W. Stirling, 1906.
W. G. Byers, 1923.
Andrew Macphail, 1907-1937.

ZOOLOGY

E. W. MacBride, 1902-1910.
Arthur Willey, 1910-1932.

HISTORY OF MEDICINE

Andrew Macphail, 1907-1937.

BACTERIOLOGY

F. C. Harrison, 1928-1930.
E. G. D. Murray, 1930.

NEUROLOGY AND NEUROSURGERY

(Founded 1932)

W. G. Penfield, 1932.

FACULTY OF MEDICINE

The one hundred and fifth session of the Faculty will open on September 1st, 1937 for students of the first and second years, and on September 15th for those of all other years.

ENTRANCE REQUIREMENTS

A sound general education is an essential foundation for professional training and a four-year course leading to a B.A. or B.Sc. degree is considered the most desirable preparation for the study of medicine. Preference will be given, therefore, to applicants who have had a full academic course in which the humanistic studies have not been sacrificed to a narrow scientific specialization. Candidates without a degree should have at least three years of college work.

It is distinctly to be understood that the Faculty does not undertake to accept all students who have passed the courses necessary to fulfil the requirements. It reserves the right to select for admission only those candidates who, in the opinion of the Committee on Admissions, give promise of work of high quality in the medical course.

All applicants must present satisfactory evidence that their college courses include the following:—

Physics—One year of general college Physics with laboratory work.

Biology—One year of General Biology and Zoology with laboratory work. One half-year of Botany and one half-year of Zoology will be accepted, but not one year of Botany alone.

Chemistry:—Two years:—
(a) One full course of General Chemistry with laboratory work.
(b) One full course of Organic Chemistry with laboratory work.

Students who wish to pursue their preliminary course at McGill may register as regular undergraduates in the Faculty of Arts and Science and should apply for admission to the Faculty of Medicine at the end of their third year or preferably on graduation.

Candidates for admission to the Faculty of Medicine must also present evidence that they have satisfied the matriculation requirements of the Licensing Body of the Province to which they belong (for further particulars see "Requirements for Licence to Practice," p. 42).

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than May 1st.

A fee of $25.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Dean or Associate Dean of the Faculty, when possible, is advisable.

APPLICATION FOR EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit to the Associate Dean of the Faculty an official statement of his preliminary education and of the medical course he has followed and the standing he has obtained. This should be accompanied by a Calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

REGISTRATION

Students entering the first and second years of the Faculty of Medicine for the session 1937-38 will register at the Registrar's Office on August 30th and 31st, 1937. Those in other years will register on September 7th to September 14th, 1937. Those who register after September 14th will be required to pay a late registration fee of $5.00 if they register during the first week of the session and $10.00 if during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

MEDICAL EXAMINATION

In order to promote as far as possible the physical welfare of the student body, men students of the First and Second Years, and women students of the First and Third Years, in every Faculty, and all students coming to the University for the first time, are required to be medically examined. The hours of such examinations are announced at the beginning of the session. Any student who has failed to comply with this regulation before the 1st of November will be fined $5.00. Any student who has failed to comply before the 8th of November will be fined an additional $5.00. Any student who has failed to comply before the 15th of November will be suspended. Re-examinations are held frequently throughout the session for those students who are of low category, or who are suffering from physical disability.

Students of all years, who wish to engage in athletic activities, are also required to be medically examined.

VACCINATION

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years. Failing this, students must be vaccinated at once in a manner satisfactory to the medical examiner.

The penalties for non-compliance with this regulation are those stated above for the medical examination.

HEALTH

Provision is made by the Department of Physical Education for the care of the health of undergraduates during the session. If a student's admission to hospital is requisitioned for by the Department, but not otherwise, one half of all public ward charges is paid by the University. Should a student desire private accommodation the difference in the cost must be borne by him. Should a student receive treatment by a private practitioner without first having received a requisition form, he must bear all expenses involved.

No student, after having received medical attention as a result of sickness or injury, may resume participation in University athletics until the University Medical Officer declares him fit.

No dental treatment is supplied by the University.

The University is not responsible for damages of any kind resulting from accidents which may occur, and is not responsible for the medical or hospital expenses incurred by any person suffering an accident; if, however, in any such case, a recommendation to that effect is made in

writing by the Department of Physical Education, but not otherwise, the University may pay the whole or such portion of the medical or hospital expenses as is covered by such written recommendation. All cases of athletic injury requiring medical treatment or hospital accommodation must be reported immediately to the Director or the University Medical Officer. In cases of emergency the Royal Victoria Hospital or the Montreal General Hospital accepts cases but these must be reported to the Department of Physical Education as well as to the Athletics Manager within forty-eight hours.

A leaflet and handbook concerning this service and the general work of the Department are distributed at the opening of the session.

FEES

TUITION FEES:

1. Annual undergraduate fee for British students $360.00
 By instalments: Each of two instalments 182.50
 Annual undergraduate fee for Non-British students 460.00
 By instalments: Each of two instalments 232.50
2. Undergraduates repeating a year pay one half the regular tuition fee. This includes dissecting material, chemical reagents, laboratories, etc.
3. Qualified partial students are admitted to one or more courses on payment of special fees.
4. The fee for the graduate course in Public Health, including laboratory and outdoor work, is $150.00 for British and $200.00 for Non-British students.

SPECIAL UNIVERSITY FEES:

5. Late registration, after August 31st or September 14th $ 5.00
 Late registration, after September 7th or 21st 10.00
 Supplemental Examinations, each paper 10.00
 Receipts for supplementals must be shown to the Dean's Office before the examination.
 Duplicate graduation diploma 10.00
 Certified copy of student's record 1.00
 Conferring degree *in absentia* 10.00
 Ad eundem fee for students from another university entering any year above the First 10.00
 Fine for late medical examination (see page 32)$5.00 or 10.00
6. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

STUDENTS' ACTIVITIES:

7. A sessional fee of $21.00 is payable by all men undergraduates and $16.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletics Board.
8. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 7 as are open to them, an additional $10.50 is charged for men students and $8.50 for women students.

GENERAL REGULATIONS:

9. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. and 2.30 p.m. to 4 p.m. on the following dates:—

 First and Second year Students—Monday, August 30th to Friday, September 3rd.

 Upper Years—Tuesday, September 7th to Tuesday, September 14th.

 or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.
10. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of Regulation 9.
11. Any student who fails to pay his fees within a month of the prescribed date is suspended until all the fees due have been paid.
12. All fees are payable in Canadian currency.
13. Domicile will in general determine whether a student pays the British or Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

UNIVERSITY LOAN FUND

A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult the Dean of the Faculty.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories:— 2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practitioner in medicine.

STUDENTS' EXPENSES

1. BOARD AND RESIDENCE

I. For Men.

Douglas Hall.

Douglas Hall, the new University residence for men, will be opened in September, 1937. It is being built on the staircase plan, each student normally having his own study-bedroom and sharing a sitting room with two other men, the three study-bedrooms and the sitting room forming a self-contained and separate suite. There will also be a limited number of separate study-bedrooms. Meals, under the supervision of a qualified dietitian, will be served in the attractive refectory and residents will have in addition the use of adequate common rooms, play rooms, etc. An illustrated prospectus of the Hall and application forms may be obtained from the Registrar's Office.

Inclusive fee for students in the third, fourth, and fifth years of Medicine and the third and fourth years of Dentistry $380.

Inclusive fee for students in the first and second years of Medicine and Dentistry $420.

Lodgings.

Residential accommodation is provided for about 60 students in Strathcona Hall, the home of the Student Christian Movement in McGill University. Full particulars may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to Montreal met on arrival and helped to secure lodgings, if due notice is sent of the station and time of arrival.

Before the opening of the session each year a list of Approved Lodgings, which have been inspected by a representative of the University, is issued by the Lodgings Committee. This list, which gives details of rooms, meals, prices, etc., may be consulted in the Registrar's Office, the Students' Union, Strathcona Hall, and other University Buildings. The list is not sent by mail.

Board and lodging for men may also be obtained in the Diocesan College, the United Theological College, and the Presbyterian College, which are theological colleges affiliated with the University.

Board is furnished in the McGill Union at low rates.

The cost of board and lodging in approved rooms varies from $30 to $60 per month. Separately, good board costs from $25, and a room from $12 upwards per month.

II. For Women

(See the General Announcement which may be obtained from the Registrar's office).

2. ESTIMATED ANNUAL EXPENSES

	British	Non-British
Tuition Fees	$360.00	$460.00
Fee for Athletics, Union, etc.	21.00	21.00
Caution Money Deposit	10.00	10.00
Board and Lodging	300.00	300.00
Books, Instruments, etc.	154.00	154.00
	$845.00	$945.00

It will be noted that in the above estimate no account is taken of personal expenses, such as cost of clothes, laundry, etc. Students are advised also to reckon on at least $20.00 to $25.00 per annum for subscriptions of various kinds.

COURSE AND EXAMINATIONS FOR THE M.D., C.M. DEGREE

THE NEW REGULATIONS

Beginning with the class of students entering the first year in September, 1936, the course in the Faculty of Medicine has been reorganized. The new regulations provide that:

> The minimum period of professional training required by the University as a qualification for the independent practice of medicine shall be five years, including—
>
> *(a)* **Four years of medical study in the University** leading to the degree of M.D., C.M.; and
>
> *(b)* One year of interneship in an approved hospital, *or* one year of further medical study in the Faculty of Medicine of McGill University or in another medical school approved by it.

In the four-year medical course the session is nine months, extending from the first week in September until the last week in May, with two weeks' vacation at Christmas and one week at Easter, thus covering thirty-six weeks.

The fifth year of training, which is required before licence in all Canadian Provinces and in 19 States of the Union, will be post-graduate, so that those who choose to devote it to interneship will enter the hospital with all the advantages that accrue from the possession of a medical degree.

On the other hand, those who prefer to enter upon advanced studies along medical lines may register as graduate students in this Faculty or in any medical school approved by it. This provision will, for example, permit graduates to devote the fifth year to study in preparation for a British qualification.

On the satisfactory conclusion of the year of interneship or of advanced study the Faculty will issue to the graduate a certificate that he has satisfied the University requirements and is eligible to present himself for the examination of a licensing board.

The arrangement of the major subjects of instruction in the new course is as follows:

First Year:

Anatomy, Histology and Embryology, Physiology.

Second Year:

Anatomy, Physiology, Biochemistry, Pharmacology, General Pathology, Bacteriology, Medicine, Surgery, Obstetrics.

Third Year:

Special Pathology, Public Health, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Mental Hygiene, Psychiatry, Therapeutics, Ophthalmology, Otolaryngology.

Fourth Year:

Pathology, Bacteriology and Immunology. Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Ophthalmology, Otolaryngology.

THE OLD REGULATIONS

Students registered in the Faculty of Medicine previous to the session 1936-37 and those entering the third or any higher year with advanced standing will continue their course under the old regulations.

A. THE MEDICAL COURSE

The Academic year is divided into three terms of ten weeks and the minimum period of study required for the degree is fifteen terms (five years).

The subjects comprised in the medical course are arranged in two groups:

The Preclinical Group:

Anatomy.
Histology and Embryology.
Biochemistry.
Physiology.
Pharmacology.

The Clinical Group:

Bacteriology.
Pathology.
Public Health and Preventive Medicine.
Medicine (including Pædiatrics, Neurology, Psychiatry, Dermatology and Laboratory Diagnosis).
Surgery (including Urology and Orthopædic Surgery).
Obstetrics and Gynæcology.

Ordinarily, the preclinical subjects occupy two years and the clinical group three years of the course.

In each group the courses offered are of two kinds:

Required Courses covering the ground which is essential to the training of a medical practitioner.

Elective Courses designed to give a broader and deeper training in the major subjects and the specialties.

The required courses are arranged in such a manner that a considerable amount of the student's time is left free for independent study and for elective courses in the pre-clinical and clinical subjects.

The required subjects of each group will ordinarily be taken in a definite sequence but qualified students may be allowed to arrange their schedule in accordance with their interests and previous training.

B. EXAMINATIONS

1. *Final or University Examinations* will be held in each major required subject of the curriculum. Grades attained in these examinations will be entered in the students' records, and will be the only grades used in determining aggregate standing.

To qualify for the University examinations the student must have fulfilled the following conditions:

Anatomy: must have completed three terms of instruction in the subject and have passed all the required course examinations.

Histology and Embryology: must have satisfactorily completed three terms of instruction in the subject and have passed all required course examinations.

Physiology: must have satisfactorily completed five terms of instruction and have passed all required course examinations.

Biochemistry: must have completed two terms of instruction and have passed all course examinations in the subject.

Pharmacology: must have satisfactorily completed one term of instruction.

Bacteriology: must have completed a course in Bacteriology *and* must have taken at least six terms of clinical instruction.

Pathology: must have completed at least six terms of work in the subject.

Public Health: must have completed the course and have taken at least four terms of clinical instruction.

Medicine: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Medicine. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Surgery: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Surgery. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Obstetrics: both written and practical examinations may be taken on the completion of nine terms of clinical instruction.

2. *Departmental or Course Examinations*, i.e., examinations held during, or at the conclusion of individual courses in any subject and for the purpose of determining the students' progress and fitness to proceed in a given subject.

The following special regulations have been adopted in respect to course examination in the clinical subjects:

1. *Pathology*—A course examination on the termination of the course in General Pathology (9th term).
2. *Medicine*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination in the 3rd and an oral examination at the end of the 4th year. Written examinations in Therapeutics and Psychiatry will be held during the 4th year.
3. *Surgery*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination at the end of the fourth year.
4. *Obstetrics*—An oral examination at the end of the course of didactic lectures in the 3rd year; and an oral and practical examination at the end of each term in the 4th year.

To qualify for the Final Examinations leading to the degree, a student must have passed the course examinations in the required subjects of the clinical group, and must have satisfactorily completed the prescribed courses of study and practice in:

I. Ophthalmology.
II. Oto-Laryngology.
III. Psychiatry.
IV. Infectious Diseases.
V. Anæsthesia.
VI. Pathological Anatomical Technique and methods of Post Mortem Examination and Diagnosis.
VII. Public Health Survey.

The Final Examinations in Medicine, Surgery and Obstetrics must all be passed at one time, but a student who fails in one of these subjects only may, at the discretion of the Faculty, be allowed a re-examina-

tion in that subject at the next regular examination period, provided that he shall have satisfactorily completed such additional work as may be prescribed by the Head of the Department concerned.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

At the end of the Spring Term, the Promotion Committee will consider the cases of all students who at the conclusion of their third term are reported by their instructors as having fallen below the grade of C and shall determine whether such students are to be allowed to continue, warned, required to repeat the course or courses, or to retire from the Faculty.

NOTE:—The "Required Courses," together with suitable "Elective Courses" in the second year, will qualify a candidate for the First (Primary) Examination for Fellowship in the Royal College of Surgeons of England and for the Primary Examination for Fellowship in the Royal College of Physicians and Surgeons of Canada.

C. GRADING

At the conclusion of each course, students will be graded in five groups, as follows:—

A=Excellent
B=Good
C=Fair
D=Doubtful
E=Failure

In reporting the grading, the names of those students who attain "A" standing shall be arranged in order of merit; in all other grades the arrangement shall be alphabetical.

The grade assigned to a student shall be based upon the result of the Final Examination, but the instructor will also take into account the record of the work done throughout the course.

The quality of the English used by a candidate will be taken into account in determining his standing in all examinations.

FELLOWSHIPS, SCHOLARSHIPS, BURSARIES, MEDALS AND PRIZES

Details of fellowships, scholarships, bursaries, medals and prizes open to undergraduate and graduate students in Medicine will be found in the Scholarships Announcement.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all of the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for five full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University.

3. No one shall be permitted to become a candidate for the degree who shall not have attended at least one full session at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions or nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE TO PRACTISE

Intending students are reminded that a University degree in Medicine does not in itself confer the right to practice the profession of medicine. In each Province of Canada and in each one of the United States the right of licensing is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practice can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University *requires Canadian students to register with the licensing body of their home province before beginning their medical course.*

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:—

QUEBEC—Dr. J. E. Laberge, 354 St. Catherine Street E., Montreal.

ONTARIO—Dr. Robert T. Noble, 566 University Avenue, Toronto, Ont.

NEW BRUNSWICK—Dr. J. M. Barry, 182 Princess St., Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. H. D. Johnson, 51 Grafton St. Charlottetown, P.E.I.

MANITOBA—Dr. W. G. Campbell, 605 Medical Arts Building. Winnipeg, Man.

ALBERTA—Dr. George R. Johnson, Calgary, Alta.

SASKATCHEWAN—Dr. J. G. K. Lindsay, Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. J. MacLachlan, 203 Medical-Dental Building, Vancouver, B.C.

The Registrar for Newfoundland is Dr. T. Mitchell, St. John's, Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF GREAT BRITAIN

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

COURSES OF INSTRUCTION

ANATOMY

THE ROBERT REFORD PROFESSOR:—C. P. MARTIN

PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON

ASSISTANT PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—H. E. RAWLINSON

ASSISTANT PROFESSOR OF ANATOMY:—H. D. O'BRIEN

LECTURERS IN HISTOLOGY:—D. J. BOWIE, W. M. FISK

SENIOR DEMONSTRATOR:—D. S. FORSTER

DEMONSTRATORS IN ANATOMY:—E. H. CAYFORD, J. R. DEAN, J. R. LOCHEAD, J. C. LUKE, E. WORKMAN

DEMONSTRATOR IN HISTOLOGY:—J. R. DEAN

ANATOMY

Required Courses

1. **Course in Gross Anatomy. First Year.**

Five hours lectures and fifteen hours laboratory work per week during the Autumn, Winter and Spring terms.

2. **Course in Neuro-Anatomy. Second Year.**

Six hours per week lectures and laboratory work in Neuro-Anatomy and the Anatomy of the Special Sense Organs during the Autumn and Winter terms.

3. **Course in Applied Anatomy. Third Year.**

One hour per week lectures and demonstration during Winter and Spring terms. This course is conducted mainly by clinicians from the Royal Victoria and Montreal General Hospitals.

Text-books:—Gray's "Anatomy" (English Edition) or Cunningham's "Text-Book of Anatomy".

Practical Manuals:—Cunningham's "Manual of Practical Anatomy"; Johnston's "Synopsis of Regional Anatomy".

Optional Texts:—Quain, Piersal, Spalteholz Atlas, Fraser's "Anatomy of the Human Skeleton".

Group Classes in Osteology are conducted weekly by the Demonstrators throughout the First Year Course.

Elective Courses

The Department provides, as far as material will permit, facilities for advanced work or revision. The Head of the Department should be consulted by anyone wishing to undertake work of this nature.

4. Course in Physical Anthropology.

Three hours lecture and laboratory for two terms on the Comparative Anatomy of the Human Skeleton, Fossil Man, and the Ancestral History of Man as far as it may be inferred from fossil remains.

MICROSCOPIC ANATOMY

Required Courses

5. Histology. First Year.

The study of the histological structure of the body with the exception of the central nervous system and the special sense organs. Lectures and laboratory periods as follows:—

Autumn term—Four three-hour periods per week.

Winter term—One three-hour period per week.

6. Neuro-histology. Second Year.

In this course the histology of the central nervous system and the special sense organs will be taken up. It will be arranged to correlate with, and form part of, the course in Neuro-Anatomy (Anatomy 2) in the Winter term.

Text-books:—Maximow and Bloom, "Histology"; Ranson, "Anatomy of the Nervous System".

Optional Texts:—Histology—Lewis and Bremer, Jordan, Bailey, Shaefer; Neuro-histology—Villiger.

EMBRYOLOGY

Required Courses

7. The Study of Human Developmental Anatomy.

Lectures and laboratory work as follows:—One three-hour period per week during the Winter and Spring terms.

Text-book:—Arey, "Development Anatomy".

Optional texts:—Jordan, Simkins, Bailey and Millar, Keith, Fraser.

PHYSIOLOGY

THE JOSEPH MORLEY DRAKE PROFESSOR:—JOHN TAIT
RESEARCH PROFESSOR:—BORIS P. BABKIN
ASSISTANT PROFESSOR:—N. GIBLIN
LECTURER:—S. DWORKIN
TEACHING FELLOWS:—.....

Required Courses

1. **First-Year Course**—Lectures and Elementary Laboratory.
In this course, which lasts from the beginning of September till the end of May, the main groundwork is covered.
Text-books:—Winton and Bayliss, "Human Physiology", London, Churchill and Co., or Philadelphia, Blakiston's Son and Co.; Samson Wright, "Applied Physiology", Oxford University Press.

2. **Second Year Course**—Lectures, Demonstration and Mammalian Laboratory. Autumn Term.
Laboratory manual:—Sherrington, "Mammalian Physiology."

Elective Courses

4. **Lectures on Selected Advanced Topics.**
Professors Babkin and Giblin.

During each year a variety of subjects is handled. As these vary from year to year, the titles will be announced at the commencement of the Autumn Term. The lectures are held twice a week throughout the Graduate Faculty teaching session. For elective purposes special parts of the course may be separately attended.

5. **Applied Physiology.**
This course is designed for second year medical students who are interested in the clinical applications of the physiological knowledge they have obtained from the regular undergraduate courses. One lecture-demonstration per week during the Autumn Term, three hours of advanced laboratory per week during the Winter Term.
Dr. Dworkin.

Courses only for Graduate Students.

6. **Lectures on Structure and Function** Professor Tait.

7. **Advanced Laboratory.**

8. **Physiological Colloquium.**

BIOCHEMISTRY AND PATHOLOGICAL CHEMISTRY

PROFESSORS:—J. B. COLLIP, D. L. THOMSON

ASSISTANT PROFESSOR:—HANS SELYE

LECTURERS IN PATHOLOGICAL CHEMISTRY:—J. S. L. BROWNE, E. H. MASON, I. M. RABINOWITCH

DEMONSTRATORS:—L. W. BILLINGSLEY, O. F. DENSTEDT

The Department offers, in addition to the required lecture and laboratory course, an elective course in Endocrinology; other courses are described in the Announcement of the Faculties of Arts and Science, and of Graduate Studies and Research.

1. General Physiological Chemistry:

(a) Lectures: Monday, Wednesday, Friday at 9.

(b) Laboratory: Six hours weekly, Monday morning and Thursday afternoon, or Tuesday afternoon and Friday morning.

Text-books:—Bodansky, "Introduction to Physiological Chemistry" (Wiley); Cameron, "Text-Book of Biochemistry". (Macmillan); Cameron and Gilmour, "Biochemistry of Medicine" (Churchill); Wright, "Applied Physiology" (Oxford Univ. Press). A synopsis of the laboratory course is issued by the Department.

This course is given in the Autumn and Winter terms.

2. Endocrinology:

Lectures: Monday, Friday at 2.

Text-book: — Cameron, "Recent Advances in Endocrinology" (Blakiston).

PATHOLOGY

STRATHCONA PROFESSOR:—HORST OERTEL

ASSOCIATE PROFESSOR:—L. J. RHEA

ASSISTANT PROFESSOR:—T. R. WAUGH

LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

LECTURER:—J. E. PRITCHARD

LECTURER IN NEUROPATHOLOGY:—W. V. CONE

ASSISTANT DEMONSTRATORS:—W. D. EATON, G. L. GILBERT, T. G. FYSHE, J. M. KILGOUR

CURATOR OF MUSEUM:—W. H. CHASE

OSTEOLOGIST AND PREPARATOR:—J. GIROUX

Required Courses

I. Didactic Lectures.

A1. General Pathology and Pathological Anatomy.
Two lectures (with epidiascope demonstrations) a week.
Autumn Term—Tuesday and Thursday, 4 p.m.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.....Professor Oertel.

B1. Special Pathological Anatomy and Pathogenesis of the Circulatory, Respiratory, Digestive and Renal Systems.

One lecture with epidiascope demonstrations a week.
Autumn Term—Friday, 4 p.m.
Winter and Spring Terms—Wednesday, 4 p.m.
Pathological Institute.....Professor Oertel.

B2. Diseases of the Blood Forming Organs.

One lecture a week. Autumn Term—Monday, 4 p.m.
Pathological Institute.....Professor Waugh.

B3. Pathological Anatomy of the More Important Ductless Glands.
One lecture a week. Winter Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Chase.

B4. Pathological Anatomy of the Nervous System.
One lecture a week. Spring Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Cone.

II. Practical Courses.

A2. Laboratory Course in General Pathological Anatomy and Histology (including the methods of microscopic technique and diagnosis with practical exercises in the living animal, in fresh and in hardened tissues). Six hours weekly.
Winter and Spring Terms—Tuesday and Thursday, 2 p.m.
Pathological Institute, Professor Oertel, Dr. Chase and Demonstrators

B5. Laboratory Course in Special Pathological Anatomy and Histology.
Four hours weekly.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.
Professor Waugh, Dr. Chase and Demonstrators.

B6. Demonstrative Course and Practical Exercises in Pathological Anatomical Methods and Diagnosis (including autopsy technique and references to medico-legal practice).
Autumn, Winter and Spring Terms—Saturday morning, 11-12.30.
Pathological Institute.....Professor Oertel.

C1. Performance of Autopsies—Group Instruction.
Autumn, Winter and Spring Terms. Time according to material.
Pathological Institute.....Dr. Chase and Demonstrators.
Montreal General Hospital.....Professor Rhea and Demonstrators.

Elective Courses

B7. Special Pathological Anatomy of Bones.
Spring Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh.

B8. Special Hæmatological Technique.
Lectures and demonstrations on the more important hæmatological methods of examining the blood.
Winter Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh.

C2. Methods of Post-Mortem Examination (including the methods of anatomical description and protocoling). For advanced students and physicians preparing for medico-legal practice. Time to be arranged.
Pathological Institute.....Dr. Chase.

C3. Demonstration and Discussion of Specimens Removed at Operation, (including microscopic diagnosis and interpretation). For advanced students.
Autumn, Winter and Spring Terms—Wednesday, 3 p.m.
Pathological Institute.....Professor Waugh.

Reference Books:—Oertel, Outlines of Pathology (Renouf); Oertel, Special Pathology of Circulatory, Respiratory, Renal and Digestive Systems (Renouf); Muir, Textbook of Pathology (Arnold); Virchow, Cellular Pathology (transl. by Chance); Cohnheim, Lectures on General Pathology (New Sydenham translation); Wilks and Moxon, Lectures on Pathological Anatomy (Churchill); Coats, Manual of Pathology (Longmans, Green); Virchow, Post Mortem Examinations (transl. by J. P. Smith, Churchill); Coman, Technique of Post Mortem Examination (Renouf).

BACTERIOLOGY AND IMMUNITY

PROFESSOR:—E. G. D. MURRAY

ASSISTANT PROFESSOR:—FREDERICK SMITH

LECTURER:—T. E. ROY

DEMONSTRATORS:—D. H. STARKEY, R. P. DOW, N. W. MCLELLAN

Required Courses

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty-two lectures and 96 hours practical work. Third Term. Available to medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology and Biochemistry; also to students in their third year in Arts and Science reading for the B.Sc. Honours in Bacteriology, and to Graduate Students.

Course 2. Applied Medical Bacteriology and Immunity and the Processes of Infectious Diseases.

20 Lectures and demonstrations. First and Second Terms. Available to Medical Students who have completed two years of clinical work and satisfied the Examiners in Course 1.

Course 3. Bacteriology and Immunity for Honours B.Sc. (daily throughout the year; available only for Honours students in their Fourth year). 160 lectures and 852 hours practical work.

(Full details of the courses can be obtained by application to the Registrar).

Text-books:—Hans Zinsser and G. Bayne-Jones, Textbook of Bacteriology (Appleton); R. Muir and J. Ritchie, Manual of Bacteriology (Oxford University Press); R. T. Hewlett and James McIntosh, Manual of Bacteriology (Churchill); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere Tindall & Cox); W. H. Park and A. W. Williams, Pathogenic Micro-Organisms (Lea & Febiger); Hans Zinsser, Resistance to Infectious Diseases (Macmillan); W. W. C. Topley and G. S. Wilson, The Principles of Bacteriology and Immunity (Edward Arnold & Co.); W. W. C. Topley, An Outline of Immunity (Arnold); M. Langeron, Precis de Microscopie (Masson & Cie); A. Calmette, L. Negri and A. Boquet, Manuel Technique de Microbiologie et Serologie (Masson & Cie); D. H. Bergey, Manual of Determinative Bacteriology (Williams & Wilkins). E. O. Jordan, Textbook of General Bacteriology (Saunders); Frederick P. Gay, Agents of Disease and Host Resistance (C. C. Thomas).

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years. The following subjects are suggested as suitable for the average student.

Second Year—General Zoology; Organic Chemistry; Histology; Elementary Physical Chemistry; Elementary Physiology; Colloid Chemistry.

Third Year—Biochemistry; Physiology; Elementary Medical Bacteriology; Parasitology; Mycology; Pharmacology.

Fourth Year—Bacteriology Course 3.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

PROFESSOR AND HEAD OF THE DEPARTMENT:—GRANT FLEMING

ASSISTANT PROFESSOR:—R. ST. J. MACDONALD

ASSISTANT PROFESSOR OF MENTAL HYGIENE:—W. T. B. MITCHELL

ASSISTANT PROFESSOR OF INDUSTRIAL HYGIENE:—FRANK G. PEDLEY

DEMONSTRATOR IN MENTAL HYGIENE:—BARUCH SILVERMAN

DEMONSTRATOR IN INDUSTRIAL HYGIENE:—R. VANCE WARD

The instruction in Public Health and Preventive Medicine given to the medical undergraduates is designed to meet the requirements of the practitioner in Medicine.

In order that the importance of Public Health and Preventive Medicine may be kept before the student, short courses are given in the First and Second Years. These courses are of an introductory nature and, from a historical background, develop the needs and opportunities for preventive medicine and its social implications.

The Department aims to correlate the teaching of the preventive aspects of medicine with the teaching of other departments in their special field. In addition, those phases of the subject that are not included elsewhere are covered, such as water, milk and food supplies, public health administration, hygiene of the school child, industrial hygiene and mental hygiene.

The course in Mental Hygiene, included in the teaching of the Department of Public Health and Preventive Medicine, attempts to give the student an understanding of what is possible and of what is being done in the way of preventing nervous and mental diseases, delinquency and crime, and social failure. This implies a knowledge of what is normal in the way of behaviour responses at the different stages of the individual

development; of how we may recognize and deal with significant deviations from the average response; the factors underlying individual success and failure; the place and the means of introducing mental health principles into home, school, social and industrial situations.

The hygiene of the child of school age includes, for consideration, the chief points of a school health service, its scope, and the duties of the School Medical Officer, a post frequently undertaken by the general practitioner.

Industrial Hygiene deals with the application of the principles of preventive medicine to industry. The various factors which influence the health of work people are discussed, and the means which may be taken to supervise their health and safety are considered.

A health study of the student's home town, or some other place acceptable to the Department, is required before the beginning of the Fifth Year. This study requires individual field work by each student.

Required Courses

1. **Introduction to Public Health and Preventive Medicine.**
 Spring term—Monday, 4 p.m.
 Professors Fleming and Mitchell.
2. **Public Health Organization and Administration.** (Including related community services).
 Spring term—Wednesday, 9 a.m.
 Professors Fleming, Macdonald and Dr. Silverman.
3. **Mental Hygiene.**
 Autumn term—Tuesday, 3 p.m.....Professor Mitchell.
4. **Practice of Preventive Medicine.**
 Winter term—Monday and Friday, 3 p.m.; Wednesday, 2 p.m.
 Professors Fleming, Macdonald and Pedley.
5. **Field Visits, Demonstrations.**
 Winter term—Wednesday, 3 p.m.
6. **Communicable Disease Control.**
 Autumn term—Thursday, 4 p.m. Professors Fleming and Macdonald.
7. **Health Study of a City or Town.**
 To be submitted during the month of October of the final year. The student is later required to review this study with a member of the staff.

Text-books and Reference books:—

The General Field:—Mustard, Parkes and Kenwood; Rosenau; Park; Fitzgerald.

Industrial Hygiene:—The Health of the Industrial Worker, Collis and Greenwood; Industrial Health, Hayhurst, Emery and Kober; Industrial Poisons in the United States, Hamilton.

Mental Hygiene:—The Mental Hygiene of Childhood, White.

School Hygiene:—The Fundamentals of School Health, Kerr.

PHARMACOLOGY AND THERAPEUTICS

PROFESSOR:—R. L. STEHLE

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

ASSISTANT PROFESSOR OF PHARMACOLOGY:—K. I. MELVILLE

LECTURERS IN THERAPEUTICS:—D. GRANT CAMPBELL, W. DE M. SCRIVER

LECTURER IN ANÆSTHESIA:—WESLEY BOURNE

DEMONSTRATOR IN PHARMACOLOGY:—J. B. ROSS

ASSISTANT IN PHARMACOLOGY:—.....

PHARMACOLOGY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

Required Courses

1. **Pharmacology.** The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.
 Three lectures a week during the Spring Term supplemented by one conference and one demonstration a week.
 The conference groups are limited to four students each.
 Professors Stehle and Melville.

2. **Pharmacological Laboratory.** The experiments are chosen to illustrate the lectures of the preceding course.
 Two periods (six hours) a week during the Spring Term.
 Professors Stehle and Melville.

THERAPEUTICS

The teaching of therapeutics will be closely linked with that of medicine.

Required Courses

3. **Pharmacy and Prescription Writing.** Five lectures and five laboratory periods during the Autumn term.
 Dr. Scriver.

4. **Therapeutics:** Didactic Instruction. A series of 15 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available. These lectures will be given during the Spring Term.

4a. Therapeutics: Theatre Lectures. Fifteen clinical lectures to be given in the hospitals during the year in conjunction with the teaching of the Department of Medicine.

Dr. Lewis and Associates.

Text-books in Pharmacology. Cushny, Sollmann, Meyer and Gottlieb, Clark. *Text-book in Therapeutics.* Beckman.

Options

Suitably prepared persons may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See Announcement of the Faculty of Graduate Studies.

MEDICINE

PROFESSOR AND HEAD OF THE DEPARTMENT:—JONATHAN C. MEAKINS

PROFESSOR:—A. H. GORDON

ASSISTANT PROFESSORS:—
C. C. BIRCHARD
J. KAUFMANN
D. S. LEWIS
E. H. MASON
C. F. MOFFATT
LORNE MONTGOMERY
I. M. RABINOWITCH
J. B. ROSS

LECTURERS:—
C. R. BOURNE, G. R. BROW,
J. G. BROWNE, J. S. L. BROWNE,
J. R. BYERS, D. G. CAMPBELL,
KEITH GORDON, R. H. M. HARDISTY,
A. T. HENDERSON, J. F. MCINTOSH,
D. W. MCKECHNIE, E. S. MILLS,
W. DE M. SCRIVER

DEMONSTRATORS:—
L. J. ADAMS, GORDON A. COPPING,
W. W. EAKIN, NEIL FEENEY,
A. F. FOWLER, C. W. FULLERTON,
C. R. JOYCE, W. R. KENNEDY,
H. E. MACDERMOT, J. F. MACIVER,
J. WENDELL MACLEOD, J. L. D. MASON,
D. L. MENDEL, E. V. MURPHY,
E. E. ROBBINS, H. N. SEGALL,
COLIN SUTHERLAND, G. D. TAYLOR,
C. J. TIDMARSH, R. VANCE WARD

ASSISTANT DEMONSTRATORS:—
MARGARET E. B. CAMERON,
W. C. GOWDEY, A. R. HALL,
HOWARD S. MITCHELL,
F. MCIVER SMITH

PSYCHIATRY

CLINICAL PROFESSOR:—C. A. PORTEOUS

DEMONSTRATORS:— G. E. REED, B. SILVERMAN, C. H. SKITCH

DERMATOLOGY

CLINICAL PROFESSORS:— P. BURNETT, J. F. BURGESS

DEMONSTRATORS:— L. P. EREAUX, B. USHER

ASSISTANT DEMONSTRATOR:—DONALD S. MITCHELL

CLINICAL THERAPEUTICS

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

LECTURERS IN THERAPEUTICS:— D. GRANT CAMPBELL, W. DE M. SCRIVER

LECTURERS IN PHYSIO-THERAPY:— F. W. HARVEY, NORMAN BROWN

Foreword on the Courses in Medicine. The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease; to afford a knowledge of the technique and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded by the establishment of a modern medical clinic at the Royal Victoria Hospital. In this institution and at the Montreal General Hospital there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The courses in internal medicine and its various branches are so arranged as to give the individual student as much independence as possible in his selection of his instructors and time and place of his required and elective courses. The University lectures and clinical lectures are open to students of all years. The student, therefore, may within wide limits determine the period and scope of his instruction. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

Required Courses

1. A course of University lectures on Pathological Physiology and general medicine will be given in the autumn, winter, and spring terms, on Monday, Wednesday and Friday mornings, from 9 to 10 o'clock. This course of lectures will cover the field of medicine and will be delivered at the University Medical Building, by Professor Meakins and Assistants.

2. Courses of lectures will be given in Psychiatry and Therapeutics on two afternoons a week during the autumn and winter terms.

3. Clinical lectures in general medicine. A course of clinical lectures will be delivered throughout the autumn, winter, and spring terms, on two days a week. The exact hour in the different institutions will be announced from time to time. These clinical lectures will be given in the Royal Victoria Hospital and the Montreal General Hospital, by Professors Meakins, Gordon, and Assistants.

4. A course in the technique of physical examination and normal physical signs will be given in the autumn term, two periods a week, from 10.15 to 11.45 a.m., with one clinical lecture per week as a review. This course will be given to groups of students at the Royal Victoria Hospital and the Montreal General Hospital.

5. This course will cover physical examination and abnormal physical signs, the methods of history-taking, and systematic description of the various systems in a logical order. Its objective will be to prepare students for subsequent clinical and bedside work. It will be given in the autumn, winter and spring terms, four periods a week of two hours each, from 10.15 to 12.15, to groups of students, at the Royal Victoria Hospital and the Montreal General Hospital.

6. A course in clinical microscopy will be given in the autumn term only. There will be two laboratory periods a week, from 2 to 4 p.m., on Mondays and Fridays, in the Pathological Institute. This course will be organized so as to give instruction and practice in microscopy as applied to clinical medicine.

Dr. Kaufman and Assistants.

7. A course in clinical medicine with case reporting and bedside clinics will be given in the autumn, winter and spring terms, to groups of students at the Royal Victoria Hospital and Montreal General Hospital. Each course will occupy five days a week from 9 a.m. to 3.45 p.m.
Professors Meakins, Gordon and Assistants.

8. A clinical course in Mental Medicine will be given in the autumn, winter and spring terms. This course will have the following divisions:

(a) Theatre clinics and bedside clinics on neuroses, psychoses and border line cases during the final year at the Royal Victoria and Montreal General Hospitals.

(b) One period a week during one term will be devoted to clinical demonstrations in Mental Hygiene at the Mental Hygiene Institute.....Professor W. T. B. Mitchell and Assistants.

(c) A certificate of one week's attendance at a Mental Hospital and the submission of three case reports. The attendance may be at any hospital approved by the department.

9. A clinical course in dermatology will be given in the autumn, winter and spring terms of one period a week at the Royal Victoria and Montreal General Hospitals Drs. Burnett and Burgess.

10. A course in clinical therapeutics will be given in the autumn, winter, and spring terms, of one period a week, one and one-half hour's duration, at the Royal Victoria Hospital and the Montreal General Hospital, by Professor Lewis and Dr. D. Grant Campbell.

11. **Physio-Therapy.** Three lectures and three periods of group instruction at times to be arranged. Drs. Lewis, Brown and Harvey.

12. In the student's final year he becomes virtually a member of the Externe Staff of the teaching hospitals. He may elect to be allotted to the various services in the hospital in the capacity of clinical clerk, participating in the keeping of records, diagnosis and treatment of patients in the wards and Out-Patient Department, and the laboratory duties. He will accompany the physicians on their daily rounds, attend autopsies and report on them to his teachers.

Elective Courses

13. **Physio-Therapy (Practical):** A course of lectures and demonstrations dealing more fully with the application of physical methods to the treatment of disease. Drs. Brown and Harvey.

14. **Therapeutics:** A series of ten evening lectures on certain special aspects of medical treatment will be offered if a sufficient number apply. These lectures will be given by those having a special interest in the various topics, and will be open to students and graduates.

Elective courses for advanced work are offered in the following subjects: Neurology, psychiatry, dermatology, clinical pathology, cardio-

logy, hæmatology, diseases of the lungs, gastro-intestinal diseases, et cetera. The details of these elective courses will be announced at the beginning of each session.

It will be necessary for each student, in addition to taking the required courses, to choose a certain number of elective courses, the number chosen depending upon which elective courses are taken.

Text and Reference Books

General Medicine:—McLeod, "Physiology in Modern Medicine"; Best and Taylor, "Physiological Basis of Medical Practice"; Todd, "Clinical Methods"; Flint, "Physical Diagnosis"; Murray, "Examination of the Patient"; Gradwohl, "Clinical Laboratory Methods and Diagnosis"; Meakins, "Practice of Medicine"; Cecil, "Text-Book of Medicine"; Lewis, "Diseases of the Heart"; Bassler, "Diseases of the Stomach and Intestines"; Norris and Landis, "Diseases of the Chest"; Clendening, "Methods of Treatment"; "Pharmacopœia of the Teaching Hospitals".

Psychiatry:—White, "Outlines of Psychiatry"; Kraeplin, "Clinical Psychiatry"; Wimmes Hoisholt, "Psychiatric Neurological Examination Methods"; Jeliffe and White (1923 Ed.), "Diseases of the Nervous System".

Dermatology:—Stellwagon; Walker's Introduction to Dermatology; Hartzell; McLeod; Darier; Campbell; Shamberg; Sutton.

Text and Reference Books

Holt and Howland; Dennet; Feer, Still; Porter and Carter; Morse and Talbot; Alan Brown; Clendening, "Methods of Treatment"; Murray, "Symptomatic Diagnosis"; Gradwohl, "Clinical Laboratory Methods and Diagnosis"; H. P. Wright, "Essentials of Infant Feeding".

PÆDIATRICS

PROFESSOR:—H. B. CUSHING

ASSISTANT PROFESSORS:— S. GRAHAM ROSS, R. R. STRUTHERS

LECTURERS:— A. GOLDBLOOM, L. LINDSAY, H. P. WRIGHT

DEMONSTRATORS:— A. K. GEDDES, ALAN ROSS, JESSIE BOYD SCRIVER

ASSISTANT DEMONSTRATORS:— P. N. MACDERMOT, S. J. USHER

Required Courses

1. **Lecture Course:** A series of thirty clinical lectures on pædiatrics. Once a week during the Autumn, Winter and Spring terms of the Fourth Year at the Children's Memorial Hospital.

 Professor Cushing and Assistants.

2. **Infectious Diseases:** A series of demonstrations to groups of students on the ordinary infectious diseases is given at the Alexandra Hospital during the Fourth Year.

 Professor Cushing and Assistants.

3. **Clinical Pædiatrics:** During the final year the class is divided into groups, each group devoting five weeks to the study of the diseases of childhood, including—
 (a) Diseases of the New Born—Royal Victoria Montreal Maternity Pavilion.
 (b) Normal Infant Feeding and Development—Montreal Foundling Hospital.
 (c) General Pædiatrics—Children's Memorial, Royal Victoria and Montreal General Hospitals.
 (d) Infectious Diseases—Alexandra Hospital.

NEUROLOGY AND NEUROSURGERY

PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—WILDER PENFIELD
ASSOCIATE PROFESSOR OF NEUROLOGY:—COLIN RUSSEL
ASSOCIATE PROFESSOR OF NEUROSURGERY:—WILLIAM CONE
CLINICAL PROFESSOR OF NEUROLOGY:—F. H. MACKAY
LECTURERS IN NEUROLOGY:—DONALD MCEACHERN, J. N. PETERSEN, A. W. YOUNG, N. VINER
LECTURER IN NEUROSURGERY:—A. R. ELVIDGE
LECTURER IN NEUROLOGICAL ROENTGENOLOGY:—A. E. CHILDE
DEMONSTRATOR IN PÆDIATRIC NEUROLOGY:—H. M. KEITH
DEMONSTRATOR IN NEUROPHYSIOLOGY:—J. P. EVANS
DEMONSTRATOR IN NEUROANATOMY:—FRANCIS MCNAUGHTON
ASSISTANT DEMONSTRATORS IN NEUROSURGERY:—THEODORE C. ERICKSON, DAVID L. REEVES
ASSISTANT DEMONSTRATOR IN NEUROPATHOLOGY:—W. L. REID
RESEARCH FELLOWS:—J. KERSHMAN, MOLLY HARROWER, KALMAN V. SANTHA, J. S. M. ROBERTSON, W. M. NICHOLS, GEORGE MCCLURE

The Department of Neurology and Neurosurgery co-operates intimately with the Departments of Medicine and Surgery in their regular teaching.

In addition the following elective courses are offered:

1. Case Presentations. Diseases of the Nervous System.
Outpatient Department, Royal Victoria Hospital, Tuesdays at 3.00 p.m. Professor Penfield.

2. Introduction to the Fundamentals of Neurology (Anatomy, Physiology, Biological Chemistry and Roentgenology).
Neurological Institute, Tuesdays at 5 p.m.
Drs. Petersen, Elvidge, McEachern and Childe.

SURGERY

PROFESSOR AND HEAD OF THE DEPARTMENT:—A. T. BAZIN

PROFESSOR:—E. M. EBERTS

ASSOCIATE PROFESSORS:— W. L. BARLOW, F. E. MCKENTY

ASSISTANT PROFESSORS:— C. K. P. HENRY, F. B. GURD

LECTURERS:— J. A. ARMOUR, H. M. ELDER, R. R. FITZGERALD, G. A. FLEET, GUY JOHNSON, G. GAVIN MILLER, DUDLEY ROSS, F. J. TEES, A. L. WILKIE

DEMONSTRATORS:— E. B. CHANDLER, HOWARD DAWSON, MARK KAUFMANN, C. A. MCINTOSH, L. H. MCKIM, H. G. PRETTY, ALBERT ROSS, P. E. SILVER, A. STEWART

ASSISTANT DEMONSTRATORS:— F. D. ACKMAN, E. M. COOPER, G. D. LITTLE, S. J. MARTIN, J. C. SUTTON

UROLOGY

CLINICAL PROFESSORS:— D. W. MACKENZIE, F. S. PATCH

LECTURER:—R. E. POWELL

DEMONSTRATORS:— A. B. HAWTHORNE, M. SENG

ORTHOPAEDIC SURGERY

CLINICAL PROFESSORS :— { J. A. NUTTER, W. G. TURNER }

LECTURERS :— { W. J. PATTERSON, N. F. WILLIAMSON }

ANÆSTHESIA

LECTURERS :— { W. B. HOWELL, C. C. STEWART }

DEMONSTRATORS :— { J. W. ARMSTRONG, F. A. H. WILKINSON }

RADIOLOGY

LECTURERS :— { E. C. BROOKS, W. L. RITCHIE }

Instruction in Surgery and in the surgical specialties is imparted in the form of didactic lectures, theatre clinics and demonstrations and group teaching in the wards and out-patient departments.

Under the new curriculum, initiated in the Autumn of 1936, the students of the *Second Year* will receive instruction in Surgery in the Spring term (16 weeks).

This instruction will consist of :—

Didactic Lectures of an introductory type.

Group Clinics and demonstrations in the hospitals to cover case history taking and methods of physical examination.

In the *Third* and *Fourth* Years emphasis is placed upon clinical instruction in the hospitals.

Amphitheatre clinics, twice weekly, displace, in whole or in part, the didactic lecture.

Special stress is placed upon bedside and out-patient teaching, the students being divided into small groups of eight to ten receiving a type of tutorial instruction from individual teachers.

In these clinical years the student is assigned to patients in rotation, and they act as dressers and reporters in the wards and out-patient department.

Under this system the student is responsible for physical and laboratory examinations of the patient and as assistant at any operation performed.

Clinico-pathological Conferences are held weekly and conducted jointly by the clinicians and pathologists. They are attended by the groups of students in the clinical years.

A course of *Applied Anatomy* is conducted jointly by the Departments of Anatomy and Surgery, the teachers being derived from the surgical staff.

Instruction in *Anaesthesia* is given in the Department of Pharmacology, while practical instruction in the administration of anæsthetics is given in the hospitals to students of the two clinical years.

Under the "old" curriculum, which will terminate with the session 1939-40, the plan of instruction is similar, but the introduction to Surgery is in the Third Year.

The course is planned to lead the student by rapid stages through an elementary introductory course to personal contact with patients and clinical instruction in the more complicated and abstruse problems of diagnosis and treatment.

Close correlation is maintained with the Departments of Anatomy and Physiology as well as with the concurrent instruction in Medicine, Pathology and Bacteriology.

The course is graded and the student is required to qualify in each grade before he is permitted to advance to succeeding grades.

Text-books:—

1. *General Surgery*: John Homans, "A Text-book of Surgery"; Choyce, C. C., "A System of Surgery"; Gask and Wilson, "Surgery"; Hamilton Bailey, "Demonstrations of Physical Signs in Clinical Surgery"; Christopher Cole and Elman; Romanis and Mitchener.

2. *Emergency Surgery*: Sluss, John W., "Manual of Emergency Surgery."

3. *Surgical Anatomy*: McGregor, "Synopsis of Surgical Anatomy." Treves, "Surgical Applied Anatomy."

4. *Fractures*: Scudder, Charles L., "Treatment of Fractures"; Wilson and Cochrane, "Fractures and Dislocations."

5. *Case Reporting*: White, J. Renfrew, "The Clinical Examination of Surgical Cases."

6. *Urology*: Keyes' Urology, Mackenzie, "Surgery of the Bladder" (Oxford Press).

Collateral Reading: Hinman, The Principles and Practice of Urology; Cabot, Modern Urology; Lewis, System of Surgery, vols. 8-9; Eisendrath and Rolnick, Urology; Young, Urology; Stokes, Modern Clinic Syphilology.

7. *Orthopædic Surgery*: Whitman's "Orthopædic Surgery"; Fraser, "Tuberculosis of Bones and Joints of Children"; Tubby and Jones, "Surgery of Paralysis"; Jones, "Orthopædic Surgery of Injuries"; Jones and Lovett, "Orthopædic Surgery."

8. *Rœntgenology*: Harrison, "Textbook of Rœntgenology" (Ward).

OBSTETRICS AND GYNAECOLOGY

PROFESSOR AND HEAD:—J. R. FRASER

CLINICAL PROFESSORS:— H. C. BURGESS, J. W. DUNCAN, J. R. GOODALL

ASSISTANT PROFESSORS:— W. A. G. BAULD, A. D. CAMPBELL

LECTURERS:— G. C. MELHADO, IVAN PATRICK

DEMONSTRATORS:— DOUGLAS GURD, J. STEWART HENRY, ELEANOR PERCIVAL, N. W. PHILPOTT, C. V. WARD

CLARA LAW FELLOW AND DEMONSTRATOR:—P. J. KEARNS

ASSISTANT DEMONSTRATOR:—K. T. MACFARLANE

The entire course is arranged on the basis of imparting a practical knowledge of Obstetrics, Gynæcology and the Care of the New-born. Throughout all trimesters the value of intimate contact with the patient in the normal and the pathological state is stressed.

The privilege of serving as an interne in the hospital for two weeks treating the patients from the time of delivery till discharge from hospital is an ideal arrangement. Each student serves in the ante-natal clinics in the city.

OBSTETRICS

Required Courses

1. An introductory course of thirty lectures on the fundamental principles of the subject dealing with the Anatomy, Embryology, Physiology and Pathology of the Pelvic Organs.
The Medical School. Three times a week—Spring Term.
Professor Fraser.

2. **Clinical instruction** during the year in the Royal Victoria Montreal Maternity Pavilion, including the conduct of labor and the puerperium in case room and wards, together with ante-natal care in the out-patient department.
Autumn, Winter and Spring Terms.

3. **Special courses in obstetrical palpation** and on the manikin daily throughout the session with the aid of models, diagrams and lantern slides. Autumn, Winter and Spring Terms.

4. **Clinical Conference** once weekly in the theatre throughout the year for the entire class, where living cases are presented illustrating the more important obstetrical conditions.

Autumn, Winter and Spring Terms.

5. **Group Instruction.** The teaching in the final year is conducted entirely by senior teachers.

Small groups of students are instructed in the Wards, Case Rooms and Out-patient Department in methods of examination, problems of delivery and the principles of treatment.

6. **Lecture Demonstrations** in the theatre are held daily during each term on the following subjects:—

A. Normal Labor Dr. Melhado.
B. Puerperal Infection Dr. A. D. Campbell.
C. Hæmorrhages of Pregnancy. Labor and the Puerperium. Professor Duncan.
D. Toxæmia of Pregnancy Professor Goodall.
E. Dystocia Professor Burgess.

7. **Care of the New-born.** Drs. Ross & Struthers.

The clinical demonstration once weekly throughout the year by the Pædiatrician in charge of the new-born, is intended to provide a clear and concise survey of the physiology and pathology of the new-born. Particular emphasis is laid on infant feeding and neonatal disease.

8. **The Staff Conference** held once a week is arranged to give a complete account of the work of the hospital.

NOTE: Rooms are provided in the new pavilion where the students may reside, in groups of six, for a period of two weeks. During his period of interneship the student will under supervision deliver patients both in hospital and at their homes, and will undertake the medical care of mother and child during the puerperium.

GYNAECOLOGY

1. Theatre clinics and bedside instruction in the Royal Victoria and Montreal General Hospitals..... Professor Fraser, Dr. Campbell and Staff.

2. A special course on Gynæcological Pathology..... Dr. P. J. Kearns.

3. Methods of Gynæcological examination, diagnosis and treatment in the outdoor departments.

4. A special course of instruction, once a week, throughout the year in the cancer clinic on methods of diagnosis and treatment of cancer, dealing especially with Radium and X-Ray..... Dr. Bauld and Staff.

Text and Reference Books

Obstetrics

(1). De Lee	Principles and Practice of Obstetrics.
(2). Williams	Text book on Obstetrics.
(3). Ten Teachers	Midwifery.
(4). Harper	Clinical Obstetrics.
(5). Bourne	Synopsis of Midwifery and Gynæcology.
(6). Johnson, R. W.	Text book of Midwifery.
(7). Bland	Practice of Obstetrics.
(8). Miller, J.	Manual of Obstetrics.
(9). Appleton	Obstetrical and Gynæcological Monographs.
(10). Peterson	Demonstration Course in Obstetrics.

Gynæcology

(1). Graves	Text book of Gynæcology.
(2). Curtis	Text book of Gynæcology and System of Gynæcology and Obstetrics.
(3). Ten Teachers	Diseases of Women.
(4). Monroe Kerr	Gynæcology.
(5). Blair Bell	Principles of Gynæcology.
(6). Kelly, Howard	Text book of Gynæcology.
(7). Goodall	Puerperal Infection.
(8). Crossen	Gynæcology.

OPHTHALMOLOGY

PROFESSOR:—F. T. TOOKE

CLINICAL PROFESSOR:—S. H. MCKEE

LECTURERS:— A. G. MCAULEY, J. A. MACMILLAN

DEMONSTRATORS:— STUART RAMSEY, J. ROSENBAUM

ASSISTANT DEMONSTRATOR:—A. BRAMLEY-MOORE

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses:—

1. **Routine examination of the eye.**

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours Professors Byers and members of the Staff.

2. **Lecture demonstrations.**

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential concepts for the clinical work of the Fifth Year.

Ten Hours.....Professor Byers.

3. **Clinical Ophthalmology.**

In the Final Year, the entire available time is devoted to an intensive study of the ocular problems that are of greatest moment in general practice—the external diseases of the eye, and the main ophthalmoscopic findings in systematic disorders and affections of the nervous system; with practical lessons in ophthalmic nursing and first aid. This work is conducted in the ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals.

Professors Byers, McKee, Tooke and Staff.

Text-books:—Parsons, May, Swanzy, De Schweinitz, Fuchs.

OTO-LARYNGOLOGY

ASSISTANT PROFESSORS:— D. H. BALLON, G. E. HODGE

LECTURERS:— W. J. MCNALLY, R. P. WRIGHT

DEMONSTRATORS:— K. O. HUTCHISON, B. F. MACNAUGHTON, J. E. TREMBLE

Instruction in Oto-Laryngology is given to students of the third, fourth and fifth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Third Year:

An introductory course of five demonstrations is given to students of the third year. These demonstrations deal with the normal anatomy of the ear, nose, throat, and with methods of examination. An opportunity is also afforded of studying rœntgenograms of normal and pathological nasal accessory sinuses and mastoids.

Fourth Year:

Five practical demonstrations are given on the common pathological conditions of the ear, nose, and throat.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the œsophagus.

Fifth Year:

Ten clinical demonstrations are given in the out-patient departments and wards of the hospitals. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books:—Sir St. Clair Thomson: Diseases of the Nose and Throat; Turner A. Logan: Diseases of the Nose, Throat and Ear; Chevalier Jackson and G. M. Coates: The Nose, Throat and Ear and Their Diseases; Philip O. Kerrison: Diseases of the Ear; Chevalier Jackson: Bronchoscopy, Oesophagoscopy and Gastroscopy; D. H. Ballon: Chapters on Bronchoscopy and Oesophagoscopy in Surgical Diseases of the Chest by Evarts A. Graham, J. J. Singer, Harry C. Ballon.

GRADUATE INSTRUCTION

1.

Any medical graduate of McGill University who so desires may attend any of the regular undergraduate clinics. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. **Special graduate work** is offered in every department, both in the laboratories and in the clinics. Applications in writing, addressed to the head of the department concerned, must state the qualifications and experience of the applicant and the nature of the work he desires to do. The minimum fee is $30.00 a term (10 weeks).

3. **Course for Diploma of Public Health:** This course is specially designed as a thorough training for medical men undertaking the duties of a Medical Officer of Health.

The duration of the course is at least eight months (October 1st to May 31st).

The curriculum is as follows:—

(a) A course of lectures dealing in a comprehensive manner with the general principles of public health and preventive medicine.

(b) Bacteriology—a full practical course in general bacteriology, with special application to public health.

(c) (1) *Sanitary Chemistry.* Examination of air, water and water supplies in general, the commoner foods and beverages, sewage and sewage effluents, etc.; chemical investigations connected with trades and occupations; (2) *Physics.* General principles only in their application to hygiene.

(d) Practical public health work. An extended course under a M.O.H., affording facilities for instruction in public health relating to housing, factories, work-shops and industrial establishments, schools, waterworks, sewage plants, refuse distribution, abattoirs, dairies and milk stations, welfare centres, etc.

(e) Public health legislation and administration. Statutes and by-laws relating to public health and the powers of health authorities; administration of the office of a Medical Officer of Health.

(f) Vital statistics. Calculation and tabulations of returns of births, marriages and deaths and diseases.

(g) Meteorology and climatology; geographical and topographical distribution of disease.

Candidates for this diploma may claim exemption in any of the above subjects on presentation of adequate certificates.

Qualification for the diploma includes a knowledge of communicable diseases, of child hygiene and mental hygiene, the use of meteorological, hygienic and sanitary apparatus.

The successful candidate must further know the appearance of healthy and diseased tissues of animals, and their microscopic examination.

Finally, he must show a capacity to formulate a report on public health conditions in an actual locality and make annual and other reports as required by Officers of Health.

These examinations are written, oral and practical.

The fee for the course is $150.00 for British Subjects and $200.00 for non-British Subjects.

4. Special Courses in Public Health. Graduates desiring instruction in any special branch of Public Health and Preventive Medicine, such as School Health Services and Industrial Hygiene, should apply to the Head of the Department. Courses will be arranged, suitable for the applicants, in order that they may receive full benefit from the time devoted to the course.

BUILDINGS

THE MEDICAL BUILDING

This Building, erected in 1911, at a cost of over $600,000, contains the Offices of Administration, the Medical Library (with its 50,000 volumes, its Reading Rooms and their complete set of technical journals), the Departments of Anatomy, Hygiene, and the magnificent Museums of Anatomy, Pathology and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department. The Laboratories for Histology and Embryology have excellent facilities, with space for 120 students, and smaller rooms for research.

THE BIOLOGICAL BUILDING

Completed in 1922 at a cost of over $500,000, this building was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. This extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology. Biochemistry, Physiology and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the Laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital by a tunnel, is situated on the Northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology, Bacteriology and Medical Jurisprudence, and includes a Pathological Museum and museum workshops. It combines under one roof, quarters for teaching and research in these departments, both for the University and for the Royal Victoria Hospital. From the latter is drawn chiefly its material. It was constructed at a cost of $460,000; is of Montreal limestone; its main front is 242 feet long; the north end is 77 feet wide and the south end 60 feet. It provides ample facilities and equipment for instruction of students, and the research work of the Staff.

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and Neuro-surgery, which conducts both undergraduate and graduate teaching in the Faculty of Medicine. In addition to wards, operating rooms, laboratories, etc., the building provides complete residential accommodation for eight research fellows.

HOSPITALS

Few medical schools on this Continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical School is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:—

Royal Victoria Hospital.
Montreal General Hospital.
Children's Memorial Hospital.
Foundling Hospital.
Alexandra Hospital for Infectious Diseases.
Verdun Protestant Hospital.
Royal Edward Institute for Tuberculosis.
The Royal Victoria Montreal Maternity Hospital.

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical School. These affiliated hospitals contain over 2,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University building, is a general hospital for acute diseases and contains 709 beds and 110 cribs. During 1936 it cared for 13,763 cases, while in its outdoor department 79,225 cases were treated. Many new additions have been made to the Hospital. A modern University Medical Clinic was established in 1924.

There were 194 post-mortems.

The number of resident physicians is 45.

The Royal Victoria-Montreal Maternity Pavilion, with 214 beds for obstetrical and gynæcological cases, was opened in June, 1926. In this institution there are 117 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate student. During the year 1936 the obstetrical service cared for 1,555 confinements in the Hospital and 365 in the Out-patient Service, a total of 1,920. In the gynæcological section, 1,450 cases were admitted during the year.

There are nine resident physicians.

The Montreal General Hospital, Central and Western Divisions, is a general hospital for the treatment of acute diseases and contains 600 beds. In 1936 there were 10,970 admissions, giving a total of 185,668 patient days. The number of patients' visits to the Outpatient Department of both Divisions totals 212,107. Many modern additions to the original buildings have been made permitting increased bed capacity. There is a large biochemical laboratory completely equipped for the complete investigation of the metabolic aspects of disease and in conjunction with this department there is an outpatient clinic, one of the largest on the continent, for the treatment of diabetes mellitus. There were 291 autopsies performed which represents 84% of all autopsies obtainable, i.e., other than coroner's cases, etc. Post Mortem and surgical material at both Divisions is now used for teaching, and clinical teaching is carried out in the public wards at both Divisions. The number of resident physicians is 50. The Dental Clinic of the University completed in 1921 is located at the Central Division and has 50 dental chairs with a large and varied clientele. The number of visits to the Dental Clinic for the year 1936 was 23,133.

The Children's Memorial Hospital has 300 public beds, and, in 1936, admitted 3,452 patients. The attendance at its out-door department totalled over 29,505 visits from 8,758 patients. This hospital admits all classes of cases of disease in children, and enables the students to get a broad conception of pædiatrics. Of special interest are the newly-built wards with cubicles, the Departments of Remedial Gymnastics, the Open-air Pavilions, and the well-equipped out-patient service.

There were 98 autopsies during the year.

The number of resident physicians is 13.

A short post-graduate course lasting one week is offered during the month of September, before the beginning of the regular session, when clinics, lectures and demonstrations on the more important phases of pædiatrics are given.

The Montreal Foundling and Baby Hospital has been taken over by the Children's Memorial Hospital, and the two institutions will be used as before for the teaching of students. The Foundling Hospital affords a large amount of clinical material and gives special facilities for instruction in child welfare and infant feeding. There are 75 beds.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are 172 beds, and, in 1936, 1,161 patients were admitted to the hospital. There were 19 autopsies.

The number of resident physicians is 4.

The Verdun Protestant Hospital has 1,100 beds. It serves to instruct students in the diagnosis and treatment of the psychoses. Students are taken about the wards in groups, and are required to report on cases and discuss the general problems of psychiatry with the teachers. Occupational therapy is emphasized.

The Royal Edward Institute in its new building, 3674 St. Urbain St., has space for 23 beds, with operating room, X-Ray equipment and modern facilities for the examination of patients, is essentially a dispensary for tuberculosis and offers adequate material for teaching students, in groups, the essential features of pulmonary disease.

The Royal Victoria Hospital is adjacent to the Medical School, while the other affiliated hospitals are within easy access. These hospitals, with their large clinical and laboratory facilities, and their close affiliation with the University, offer excellent opportunities for the study of disease in all its phases.

LIBRARY

HONORARY LIBRARIAN:—DR. C. F. WYLDE

The Library occupies the central part of the Medical Building, the whole front of the second and third floors, as well as a portion of the first floor. On the third floor is the magnificent reading room, 76 x 24 feet, exceptionally well lighted, and capable of accommodating seventy-five readers. On this floor also are the journal room and private office. The second floor contains the stack room, the book stacks at present containing about 50,000 volumes, as well as eight sections of unbound material in cases, such as hospital reports, university calendars, government publications and theses and having a total capacity of sixty thousand volumes; also three study rooms. On the first floor are the cataloguing rooms, offices and pamphlet room.

A special feature of the Library is the journal collection, and every effort is being made to complete this section as far as possible, and thus to increase the value of the reference department of the Library. Through the generosity of interested friends there is also a valuable collection of approximately one thousand volumes of early works on the History of Medicine, dating from the fifteenth century. These can be consulted at

the Library. The Library is also very rich in ophthalmological material, largely through the interest of Dr. Casey A. Wood, who not only has given his private collection, but has continued each year to send many valuable books and periodicals. Through his generosity, in a short time the Library will have one of the most complete ophthalmological periodical collections on this continent.

The journal collection is listed in the Catalogue of Scientific Periodicals in Canadian Libraries, and also in the Union List of Serials published by the W. H. Wilson Company.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other colleges showing proper credentials, and registered nurses. It is felt that graduates living at a distance are not aware of the fact that books may be borrowed from the Library on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during term from 9 a.m. to 6 p.m., and 7.30 to 9.30 p.m., except Saturdays, when it is closed at 5 p.m. After June 1st it is open from 9 a.m. to 5 p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

LIBRARIAN:—W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises nearly 9,000 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue was completed, indexed, and printed after his death ("Bibliotheca Osleriana," Clarendon Press, Oxford, 1929, xxxvi, 785 pp.)

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 137 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give

advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

1. THE McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:—

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers, are kept on file.

2. ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Fourth and Fifth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

3. THE OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussions. Each year an Honorary President has been elected from this older group.

McGill University has been greatly enriched by the gift of the Osler Library, bequeathed by Sir William. Members of the Society are fortunate in having ready access to this unique source of original material, comprising as it does a rare and valuable collection of some 9,000 volumes and pamphlets devoted to the history of science and medicine from the time of Hippocrates.

McGILL UNIVERSITY

MONTREAL



ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE

1938-1939

McGILL UNIVERSITY

MONTREAL



ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE

1938-1939

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MISS G. D. MUDGE

CALENDAR OF THE FACULTY OF MEDICINE

FOR THE SESSION 1938-39

1938

Mon., Aug. 29th and Tues., Aug. 30th			Registration of students in first three years of Medicine.
Wed.,	Aug.	31st	Autumn Term for students in first three years of Medicine begins.
Mon.,	Sept.	5th	Labour Day. No lectures.
Tues.,	Sept.	6th	Register opens for students in Fourth and Fifth Years Medicine.
Wed.,	Sept.	14th	Autumn Term for students in Fourth and Fifth Years Medicine begins.
Wed.,	Oct.	5th	Register closes for the session.
Thurs.,	Oct.	6th	Founder's Day. Convocation. (James McGill born October 6th, 1744, died December 19th, 1813.)
Fri.,	Oct.	21st	Intercollegiate Sports Day. No lectures.
Fri.,	Nov.	11th	Remembrance Day. No lectures.
Wed.,	Dec.	21st	Last day of lectures before Christmas.

1939

Thurs.,	Jan.	5th	Lectures resumed.
Sat., Feb. 25th to Mon., Feb. 27th (inclusive)			Short Recess. No lectures.
Fri., April 7th to Mon., April 10th (inclusive)			Easter vacation.
Tues.,	April	25th	Spring Term ends for students in Fourth and Fifth Years Medicine.
Mon.,	May	1st	Examinations for students in Fourth and Fifth Years Medicine begin.
Thurs.,	May	25th	Convocation.
Sat.,	June	3rd	Third Term ends for students in first three years of Medicine.

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Teaching Fellow in the Department of Anatomy. Medical Building.

HISTORICAL SUMMARY

(Faculty of Medicine)

1821-1938

1744 James McGill born October 6th (Founder's Day). Died 1813.

1801–02 Royal Institution for the Advancement of Learning contemplated by Provincial Act of Parliament.

1811 Will by James McGill leaving landed estate and £10,000 to Royal Institution for the Advancement of Learning for founding a University.

1818 Royal Institution for the Advancement of Learning incorporated. Montreal General Hospital opened on original site on St. Lawrence Street.

1821 Royal Charter granted to the Royal Institution for the Advancement of Learning for the foundation of McGill College. Cornerstone of new Montreal General Hospital laid.

1822–24 Montreal Medical Institution organized as a Medical School by Officers of Montreal General Hospital. At opening lecture at No. 20 St. James Street on October 28, 1824, there were four teachers and twenty-five students.

1829 Estate of James McGill surrendered by residuary legatee. First meeting of Governors at Burnside House. Montreal Medical Institution "engrafted upon" McGill University as its Medical Faculty. First session of Faculty of Medicine.

1831 Medical Faculty petitioned Legislature for permission to grant degrees, and framed statutes to fulfil conditions of charter for same by order of Solicitor-General.

1832 Statutes approved and permission to confer degrees granted to Medical Faculty, and Professorships granted by Crown to Drs. Holmes, Caldwell, Robertson and Stephenson.

1833 First University degree conferred in Medical Faculty upon W. Logie.

1836–37 Faculty removed to building next to present Bank of Montreal.

1840 Faculty removed to St. George Street.

1842 Arts Building erected on University grounds, where medical lectures were held 1845–51.

1852 Faculty removed to Côté Street.

1855 Sir William Dawson appointed Principal.

1860 Geo. W. Campbell appointed Dean, serving until 1882.

1872 First independent Medical Faculty building on University ground.
Graduation of William Osler.

1882 Geo. W. Campbell Memorial Fund for Medical Faculty ($50,000); Leanchoil Endowment Fund for Medical Faculty (Lord Strathcona, $50,000).
R. P. Howard appointed Dean.

1885 New laboratories erected in Medical Building (Lord Strathcona, $100,000).

1889 Robert Craik appointed Dean—George Ross, Vice-Dean.

1893 Pathological Laboratory erected (John H. R. Molson, $60,000); Chairs of Hygiene and of Pathology endowed (Lord Strathcona, $100,000).
Mrs. Mary Dow Endowment Fund presented to Medical Faculty ($10,000).

1894 Royal Victoria Hospital opened (Lord Mount-Stephen and Lord Strathcona).

1895 Sir William Peterson appointed Principal.

1898–01 Medical Faculty Building reconstructed and enlarged with new laboratories, etc. (Lord Strathcona, $100,000).
Joseph Morley Drake Chair of Physiology founded ($25,000).

1901 Thomas G. Roddick appointed Dean.

1906 Alexandra Hospital for Infectious Diseases opened.

1907 Medical Building partly destroyed by fire.

1908 F. J. Shepherd appointed Dean.

1909–11 New Medical Building (as at present) erected. (Lord Strathcona, $450,000).

1911 Robert Reford endowment of Department of Anatomy ($10,000).
Arthur A. Browne Memorial Fund for Research established ($10,000).
Dr. James Douglas research fellowship in Pathology founded ($25,000).

1912 Eddie Morrice Laboratory of Pharmacology opened (D. Morrice, $14,000).
James Cooper Endowment Fund established for Internal Medicine ($60,000).

1913 Graduates of the Faculty of Medicine subscribed $12,566 to meet fire loss.

1914 H. S. Birkett appointed Dean.
No. 3 (McGill) General Hospital organized for Overseas service.
New Foundling Hospital opened.

1916 Ross Memorial Pavilion (J. K. L. Ross), opened by H.R.H. Duke of Connaught.

1917 Geo. Ross Endowment Fund for Medical Faculty presented.

1919 Sir William Macdonald bequeathed $500,000 to Medical Faculty.
Faculty of Dentistry established. Osler Library (of the history of medicine and science) bequeathed to the Faculty of Medicine by Sir William Osler.

1920 Sir Arthur Currie appointed Principal.
Dr. J. W. Scane appointed Assistant Dean.
Children's Memorial Hospital affiliated with McGill.

1921 Centenary Celebration.
Friends and Graduates of McGill donated $4,000,000 to University.
Province of Quebec donated $1,000,000 to University
Rockefeller Foundation granted $1,000,000 to Medical Faculty.
F. G. Finley appointed Dean.

1922 Laboratories for Biological Sciences opened.
Geo. E. Armstrong appointed Dean.
New Outpatient Department erected at Royal Victoria Hospital.

1923 Pathological Institute erected.
C. F. Martin appointed Dean.

1924 Rockefeller Foundation gave $500,000 to Medical Faculty to establish University Clinic in Department of Medicine at Royal Victoria Hospital.
Amalgamation of Western Hospital with the Montreal General Hospital.

1925 Erection of Royal Victoria-Montreal Maternity Pavilion.
Roddick Memorial Gates opened.

1926 Closing of old Montreal Maternity Hospital.

1927 Sub-department of Industrial Medicine formed, with Industrial Clinic at the Montreal General Hospital. (Grant of $25,000 from Metropolitan Life Insurance Company).
Inter-Hospital Commission formed for purposes of administration.

1929 Opening of new laboratory building for Experimental Surgery (Dean and Mrs. C. F. Martin, $40,000). Rockefeller Foundation gave $85,000 for research in Surgery.

1931 New wing added to Children's Memorial Hospital.

1932 Gift of $1,232,652 from the Rockefeller Foundation for the Department of Neurology and Neurosurgery.

1932 New building of Royal Edward Institute for Tuberculosis opened and affiliated with McGill University.

1933 Montreal Foundling and Baby Hospital taken over by Children's Memorial Hospital.

1935 A. E. Morgan appointed Principal.
Blanche Hutchinson Research Fund received (approximately $85,000.00).

1936 Dean Martin retired.
Professor Grant Fleming appointed Dean.
Gilman Cheney Chair of Biochemistry established.

1937 Lewis W. Douglas appointed Principal.

OFFICERS AND MEMBERS OF THE FACULTY SINCE ITS ORIGIN

DEANS

Dr. R. Robertson, official head of the Montreal Medical Institution, 1823, was followed by Dr. John Stephenson in 1829 as Registrar and official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with the title of Secretary.

A. F. Holmes, 1854.
Geo. W. Campbell, 1860.
R. P. Howard, 1882.
Robert Craik, 1889.
George Ross (Vice-Dean), 1889.
Thomas G. Roddick, 1901.
Francis J. Shepherd, 1908.
Herbert S. Birkett, 1914.
F. G. Finley, 1921.
George E. Armstrong, 1922.
C. F. Martin, 1923.
Grant Fleming, 1936.
J. C. Simpson (Associate Dean), 1936.

REGISTRARS

John Stephenson, 1829.
Archibald Hall, 1842.
William Wright, 1864.
Robert Craik, 1869.
William Osler, 1877.
F. J. Shepherd, 1883 (Acting).
James Stewart, 1884.
R. F. Ruttan, 1891.
E. M. Eberts, 1902.
J. W. Scane (Assistant Dean, 1920-1922).

Registrarship abolished—1923

SECRETARY

J. C. Simpson, 1923.

MEDICINE

Chair of Medicine
(Founded 1824)

William Caldwell, 1824.
William Robertson, 1833.
Andrew F. Holmes, 1842.
R. P. Howard, 1860.
George Ross, 1889.
James Stewart, 1893.

Chair of Clinical Medicine
(Founded 1845)

James Crawford, 1845 and 1852.
Robt. L. MacDonnell, 1849.
Stephen C. Sewell, 1850.
R. P. Howard, 1856.
Duncan C. MacCallum, 1860.
Joseph M. Drake, 1872.
George Ross, 1872.
Richard L. MacDonell, 1889.
James Stewart, 1891.

Chair of Medicine and Clinical Medicine
(Founded 1907)
(*Chair of Medicine since 1923*)

F. G. Finley, 1907-1924.
H. A. Lafleur, 1907-1919.
C. F. Martin, 1907-1936.
W. F. Hamilton, 1924-1933.
J. C. Meakins, 1924
C. P. Howard, 1924-1936.
A. H. Gordon, 1937.

SURGERY

Chair of Surgery
(Founded 1824)

John Stephenson, 1824.
G. W. Campbell, 1835.
Geo. E. Fenwick, 1875.
T. G. Roddick, 1890.

Chair of Clinical Surgery
(Founded 1840)

James Crawford, 1845.
William E. Scott, 1852.
Duncan C. MacCallum, 1856.
Robert Craik, 1860.
George E. Fenwick, 1867.
Thomas G. Roddick, 1876.
James Bell, 1894.

Chair of Surgery and Clinical Surgery
(Founded 1907)
(*Chair of Surgery since 1923*)

JAMES BELL, 1907-1911.
GEO. E. ARMSTRONG, 1907-1923.
J. A. HUTCHISON, 1913-1923.
E. W. ARCHIBALD, 1923-1937.
A. T. BAZIN, 1923-1938.
E. M. EBERTS, 1929-1938.

OBSTETRICS AND GYNAECOLOGY

Chair of Obstetrics
(Founded 1824)

WILLIAM ROBERTSON, 1824.
JOHN RACEY, 1833.
GEO. W. CAMPBELL, 1835.
MICHAEL MCCULLOCH, 1842.
ARCHIBALD HALL, 1854.
D. C. MACCALLUM, 1868.
ARTHUR A. BROWNE, 1883.
J. CHALMERS CAMERON, 1886.

Chair of Gynæcology
(Founded 1883)

WILLIAM GARDNER, 1883.
W. W. CHIPMAN, 1910.

Chair of Obstetrics and Gynæcology
(Founded 1913)

W. W. CHIPMAN, 1913-1929.
J. R. FRASER, 1929.
H. M. LITTLE, 1929-1934.

ANATOMY

(Chair founded 1824)

JOHN STEPHENSON, 1824.
OLIVER T. BRUNEAU, 1842.
WILLIAM E. SCOTT, 1856.
FRANCIS J. SHEPHERD, 1883.
A. C. GEDDES, 1913.
S. E. WHITNALL, 1919-1934.
C. P. MARTIN, 1936.

CHEMISTRY

Chair of Chemistry
(Founded 1824)

ANDREW F. HOLMES, 1824.
ARCHIBALD HALL, 1842.
WILLIAM SUTHERLAND, 1849.
ROBERT CRAIK, 1867.
GILBERT P. GIRDWOOD, 1879.
R. F. RUTTAN, 1902-1928.

Chair of Practical Chemistry
(Founded 1872)

GILBERT P. GIRDWOOD, 1872.
R. F. RUTTAN, 1894.

BIOCHEMISTRY

Chair of Biochemistry

(Founded 1920—endowed 1936)

A. B. Macallum, 1920-1928. J. B. Collip, 1928.
D. L. Thomson, 1936.

INSTITUTES OF MEDICINE

Chair of Institute of Medicine

(Founded 1824 and included the Departments of Physiology, Histology and Pathology)

John Stephenson, 1824.
Stephen C. Sewell, 1842.
Robert L. MacDonnell, 1845.
William Fraser, 1849.
Joseph M. Drake, 1868.
William Osler, 1874.

PHYSIOLOGY

(Founded 1824—endowed 1897)

Wesley Mills, 1886.
N. H. Alcock, 1911.
G. R. Mines, 1914.
John Tait, 1919.
Boris P. Babkin, (Research Professor), 1928.

HISTOLOGY

George Wilkins, 1883-1907.
J. C. Simpson, 1910.

PATHOLOGY

(Founded 1892—endowed 1893)

J. Geo. Adami, 1892.
H. Oertel, 1919-1938.

PHARMACOLOGY

Chair of Pharmacology and Therapeutics

(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1835.
Stephen C. Sewell, 1842.
A. Hall, 1849.
William Wright, 1854.
James Stewart, 1883.
A. D. Blackader, 1891.

Chair of Pharmacology

H. G. Barbour, 1921.
R. L. Stehle, 1924.

BOTANY

(Chair founded 1829)

Andrew F. Holmes, 1829.
Dr. Papineau, 1845.
J. W. Dawson, 1855-56 *and* 1858-83.
James Barnston, 1857-58.
D. P. Penhallow, 1883-1912.
F. E. Lloyd, 1912-1934.

MEDICAL JURISPRUDENCE

(Chair founded 1845)

William Fraser, 1845.
Francis Badgley, 1849.
Francis C. T. Arnoldi, 1850.
William E. Scott, 1851.
William Wright, 1852.
R. Palmer Howard, 1854.
Duncan C. MacCallum, 1860.
George E. Fenwick, 1867.
William Gardner, 1875.
George Wilkins, 1883.
D. D. MacTaggart, 1911-1929.

HYGIENE AND PUBLIC HEALTH

(Chair founded 1871—endowed 1893)

George Ross, 1871.
Thomas G. Roddick, 1873.
Robert T. Godfrey, 1875.
William Gardner, 1879.
R. L. MacDonnell, 1886.
Robert Craik, 1889.
Wyatt Johnston, 1902.
T. A. Starkey, 1902.
Grant Fleming, Professor and Director of the Department of Public Health and Preventive Medicine, 1926.

OPHTHALMOLOGY AND OTO-LARYNOLOGY

Chair of Ophthalmology and Otology

(Founded 1883)

Frank Buller, 1883.

Chair of Laryngology

(Founded 1893)

G. W. Major, 1893.
H. S. Birkett, 1895.

Chair of Oto-Laryngology

H. S. Birkett, 1895-1931.
E. Hamilton White, 1931-1933.

Chair of Ophthalmology

J. W. Stirling, 1906.
W. G. Byers, 1923.
F. T. Tooke, 1937.

ZOOLOGY

E. W. MacBride, 1902-1910.
Arthur Willey, 1910-1932.

HISTORY OF MEDICINE

Andrew Macphail, 1907-1937.

BACTERIOLOGY

F. C. Harrison, 1928-1930.
E. G. D. Murray, 1930.

NEUROLOGY AND NEUROSURGERY

(Founded 1932)

W. G. Penfield, 1932.

PAEDIATRICS

(Founded 1937)

H. B. Cushing, 1937.
R. R. Struthers, 1938.

FACULTY OF MEDICINE

The one hundred and sixth session of the Faculty will open on August 31st, 1938 for students of the first, second and third years, and on September 14th for students of the fourth and fifth years.

ENTRANCE REQUIREMENTS

A sound general education is an essential foundation for professional training and a four-year course leading to a B.A. or B.Sc. degree is considered the most desirable preparation for the study of medicine. Preference will be given, therefore, to applicants who have had a full academic course in which the humanistic studies have not been sacrificed to a narrow scientific specialization. Candidates without a degree should have at least three years of college work.

It is distinctly to be understood that the Faculty does not undertake to accept all students who have passed the courses necessary to fulfil the requirements. It reserves the right to select for admission only those candidates who, in the opinion of the Committee on Admissions, give promise of work of high quality in the medical course.

All applicants must present satisfactory evidence that their college courses include the following:—

Physics—One year of general college Physics with laboratory work.

Biology—One year of General Biology and Zoology with laboratory work. One half-year of Botany and one half-year of Zoology will be accepted, but not one year of Botany alone.

Chemistry:—Two years:—
(a) One full course of General Chemistry with laboratory work.
(b) One full course of Organic Chemistry with laboratory work.

Students who wish to pursue their preliminary course at McGill may register as regular undergraduates in the Faculty of Arts and Science and should apply for admission to the Faculty of Medicine at the end of their third year or preferably on graduation.

Candidates for admission to the Faculty of Medicine must also present evidence that they have satisfied the matriculation requirements of the Licensing Body of the Province to which they belong (for further particulars see "Requirements for Licence to Practise," p. 42).

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than March 1st.

A fee of $25.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Dean or Associate Dean of the Faculty, when possible, is advisable.

APPLICATION FOR EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit to the Associate Dean of the Faculty an official statement of his preliminary education and of the medical course he has followed and the standing he has obtained. This should be accompanied by a Calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

REGISTRATION

Students entering the first, second and third years of the Faculty of Medicine for the session 1938-39 will register at the Registrar's Office on August 29th and 30th, 1938. Those in other years will register on September 6th to September 13th, 1938. Those who register after August 30th and September 13th, respectively, will be required to pay a late registration fee of $5.00 if they register during the first week of the session and $10.00 if during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

MEDICAL EXAMINATION

In order to promote as far as possible the physical welfare of the student body, men students of the First and Second Years, and women students of the First and Third Years, in every Faculty, and all students coming to the University for the first time, are required to be medically examined. The hours of such examinations are announced at the beginning of the session. Any student who has failed to comply with this regulation before the 1st of November will be fined $5.00. Any student who has failed to comply before the 8th of November will be fined an additional $5.00. Any student who has failed to comply before the 15th of November will be suspended. Re-examinations are held frequently throughout the session for those students who are of low category, or who are suffering from physical disability.

Students of all years, who wish to engage in athletic activities, are also required to be medically examined.

VACCINATION

Provincial and University regulations require that students entering the University must have been successfully vaccinated within the preceding seven years or have proved insusceptible to vaccine within the previous five years. Students should take steps to comply with this regulation before reporting for registration and should bring the necessary medical certificate of vaccination with them.

The penalties for non-compliance with this regulation are those stated above for the medical examination.

HEALTH

Provision is made by the Department of Physical Education for the care of the health of undergraduates during the session. If a student's admission to hospital is requisitioned for by the Department, but not otherwise, one half of all public ward charges is paid by the University. Should a student desire private accommodation the difference in the cost must be borne by him. Should a student receive treatment by a private practitioner without first having received a requisition form, he must bear all expenses involved.

No student, after having received medical attention as a result of sickness or injury, may resume participation in University athletics until the University Medical Officer declares him fit.

No dental treatment is supplied by the University.

The University is not responsible for damages of any kind resulting from accidents which may occur, and is not responsible for the medical or hospital expenses incurred by any person suffering an accident; if, however, in any such case, a recommendation to that effect is made in

writing by the Department of Physical Education, but not otherwise, the University may pay the whole or such portion of the medical or hospital expenses as is covered by such written recommendation. All cases of athletic injury requiring medical treatment or hospital accommodation must be reported immediately to the Director or the University Medical Officer. In cases of emergency the Royal Victoria Hospital or the Montreal General Hospital accepts cases but these must be reported to the Department of Physical Education as well as to the Athletics Manager within forty-eight hours.

A leaflet and handbook concerning this service and the general work of the Department are distributed at the opening of the session.

FEES

TUITION FEES:

1. Annual undergraduate fee for British students $360.00
 By instalments: Each of two instalments 182.50
 Annual undergraduate fee for Non-British students 460.00
 By instalments: Each of two instalments 232.50
2. Undergraduates repeating a year pay one half the regular tuition fee. This includes dissecting material, chemical reagents, laboratories, etc.
3. Qualified partial students are admitted to one or more courses on payment of special fees.
4. The fee for the graduate course in Public Health, including laboratory and outdoor work, is $150.00 for British and $200.00 for Non-British students.

SPECIAL UNIVERSITY FEES:

5. Late registration, after August 30th or September 13th..... $ 5.00
 Late registration, after September 6th or 20th..... 10.00
 Late payment fee 2.00
 Fine for late medical examination (see page 32).....$5.00 or 10.00
 Supplemental Examinations, each paper 10.00
 Receipts for supplementals must be shown to the Dean's Office before the examination.
 Duplicate graduation diploma 10.00
 Certified copy of student's record..... 1.00
 Conferring degree *in absentia*..... 10.00
 Ad eundem fee for students from another university entering any year above the First..... 10.00
6. *Caution Money*. Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

STUDENTS' ACTIVITIES:

7. A sessional fee of $21.00 is payable by all men undergraduates and $16.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletics Board.

8. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 7 as are open to them, an additional $10.50 is charged for men students and $8.50 for women students.

GENERAL REGULATIONS:

9. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. and 2.30 p.m. to 4 p.m. on the following dates:—

 First, Second and Third year Students—Monday, August 29th to Wednesday, August 31st.

 Upper Years—Tuesday, September 6th to Tuesday September 13th.

 or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

10. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of Regulation 9.

11. Immediately after the prescribed dates for the payment of fees the Bursar will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Bursar.

12. All fees are payable in Canadian currency.

13. Domicile will in general determine whether a student pays the British or Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

UNIVERSITY LOAN FUND

A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult the Dean of the Faculty.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories:— 2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practitioner in medicine.

STUDENTS' EXPENSES

1. BOARD AND RESIDENCE

I. For Men.

Douglas Hall.

Douglas Hall, the new University residence for men, was opened in September, 1937. It is built on the staircase plan, each student normally having his own study-bedroom and sharing a sitting room with two other men, the three study-bedrooms and the sitting room forming a self-contained and separate suite. There is also a limited number of separate study-bedrooms. Meals, under the supervision of a qualified dietitian, are served in the attractive refectory and residents have in addition the use of adequate common rooms, play rooms, etc. Application forms may be obtained from the Registrar's Office or from the Warden.

Hall fees, including board and residence:	
FACULTY	PER SESSION
Arts and Science, Engineering, and Law	$ 360
Fourth and fifth years of Medicine and third and fourth years of Dentistry	$ 380
First three years of Medicine and first two years of Dentistry	$ 420

One half the fee is payable at the beginning of the session, one quarter on the 10th January, and the balance on the 1st April.

Lodgings.

Residential accommodation is provided for about 60 students in Strathcona Hall, the home of the Student Christian Movement in McGill University. Full particulars may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to Montreal met on arrival and helped to secure lodgings, if due notice is sent of the station and time of arrival.

Before the opening of the session each year a list of Approved Lodgings, which have been inspected by a representative of the University, is issued by the Lodgings Committee. This list, which gives details of rooms, meals, prices, etc., may be consulted in the Registrar's Office, the Students' Union, Strathcona Hall, and other University Buildings. The list is not sent by mail.

Board and lodging for men may also be obtained in the Diocesan College, the United Theological College, and the Presbyterian College, which are theological colleges affiliated with the University.

Board is furnished in the McGill Union at low rates.

The cost of board and lodging in approved rooms varies from $30 to $60 per month. Separately, good board costs from $25, and a room from $12 upwards per month.

II. For Women

(*See the General Announcement which may be obtained from the Registrar's office*).

2. ESTIMATED ANNUAL EXPENSES

	British	Non-British
Tuition Fees	$360.00	$460.00
Fee for Athletics, Union, etc.	21.00	21.00
Caution Money Deposit	10.00	10.00
Board and Lodging	300.00	300.00
Books, Instruments, etc.	154.00	154.00
	$845.00	$945.00

It will be noted that in the above estimate no account is taken of personal expenses, such as cost of clothes, laundry, etc. Students are advised also to reckon on at least $20.00 to $25.00 per annum for subscriptions of various kinds.

COURSE AND EXAMINATIONS FOR THE M.D., C.M. DEGREE

THE NEW REGULATIONS

Beginning with the class of students entering the first year in September, 1936, the course in the Faculty of Medicine has been reorganized. The new regulations provide that:

> The minimum period of professional training required by the University as a qualification for the independent practice of medicine shall be five years, including—
>
> *(a)* **Four years of medical study in the University** leading to the degree of M.D., C.M.; and
>
> *(b)* One year of interneship in an approved hospital, *or* one year of further medical study in the Faculty of Medicine of McGill University or in another medical school approved by it.

In the four-year medical course the session is nine months, extending from the first week in September until the last week in May, with two weeks' vacation at Christmas and one week at Easter, thus covering thirty-six weeks.

The fifth year of training, which is required before licence in all Canadian Provinces and in 19 States of the Union, will be post-graduate, so that those who choose to devote it to interneship will enter the hospital with all the advantages that accrue from the possession of a medical degree.

On the other hand, those who prefer to enter upon advanced studies along medical lines may register as graduate students in this Faculty or in any medical school approved by it. This provision will, for example, permit graduates to devote the fifth year to study in preparation for a British qualification.

On the satisfactory conclusion of the year of interneship or of advanced study the Faculty will issue to the graduate a certificate that he has satisfied the University requirements and is eligible to present himself for the examination of a licensing board.

The arrangement of the major subjects of instruction in the new course is as follows:

First Year:

Anatomy, Histology and Embryology, Physiology.

Second Year:

Anatomy, Physiology, Biochemistry, Pharmacology, General Pathology, Bacteriology, Medicine, Surgery, Obstetrics.

Third Year:

Special Pathology, Public Health, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Mental Hygiene, Psychiatry, Therapeutics, Ophthalmology, Otolaryngology.

Fourth Year:

Pathology, Bacteriology and Immunology, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Ophthalmology, Otolaryngology.

THE OLD REGULATIONS

Students registered in the Faculty of Medicine previous to the session 1936-37 and those entering the fourth or fifth years with advanced standing will continue their course under the old regulations.

A. THE MEDICAL COURSE

The Academic year is divided into three terms of ten weeks and the minimum period of study required for the degree is fifteen terms (five years).

The subjects comprised in the medical course are arranged in two groups:

The Preclinical Group:

Anatomy.
Histology and Embryology.
Biochemistry.
Physiology.
Pharmacology.

The Clinical Group:

Bacteriology.
Pathology.
Public Health and Preventive Medicine.
Medicine (including Pædiatrics, Neurology, Psychiatry, Dermatology and Laboratory Diagnosis).
Surgery (including Urology and Orthopædic Surgery).
Obstetrics and Gynæcology.

Ordinarily, the preclinical subjects occupy two years and the clinical group three years of the course.

In each group the courses offered are of two kinds:

Required Courses covering the ground which is essential to the training of a medical practitioner.

Elective Courses designed to give a broader and deeper training in the major subjects and the specialties.

The required courses are arranged in such a manner that a considerable amount of the student's time is left free for independent study and for elective courses in the pre-clinical and clinical subjects.

The required subjects of each group will ordinarily be taken in a definite sequence but qualified students may be allowed to arrange their schedule in accordance with their interests and previous training.

B. EXAMINATIONS

1. *Final or University Examinations* will be held in each major required subject of the curriculum. Grades attained in these examinations will be entered in the students' records, and will be the only grades used in determining aggregate standing.

To qualify for the University examinations the student must have fulfilled the following conditions:

Anatomy: must have completed three terms of instruction in the subject and have passed all the required course examinations.

Histology and Embryology: must have satisfactorily completed three terms of instruction in the subject and have passed all required course examinations.

Physiology: must have satisfactorily completed five terms of instruction and have passed all required course examinations.

Biochemistry: must have completed two terms of instruction and have passed all course examinations in the subject.

Pharmacology: must have satisfactorily completed one term of instruction.

Bacteriology: must have completed a course in Bacteriology *and* must have taken at least six terms of clinical instruction.

Pathology: must have completed at least six terms of work in the subject.

Public Health: must have completed the course and have taken at least four terms of clinical instruction.

Medicine: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Medicine. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Surgery: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Surgery. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Obstetrics: both written and practical examinations may be taken on the completion of nine terms of clinical instruction.

2. *Departmental or Course Examinations,* i.e., examinations held during, or at the conclusion of individual courses in any subject and for the purpose of determining the students' progress and fitness to proceed in a given subject.

The following special regulations have been adopted in respect to course examinations in the clinical subjects:

1. *Pathology*—A course examination on the termination of the course in General Pathology (9th term).
2. *Medicine*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination in the 3rd and an oral examination at the end of the 4th year. Written examinations in Therapeutics and Psychiatry will be held during the 4th year.
3. *Surgery*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination at the end of the fourth year.
4. *Obstetrics*—An oral examination at the end of the course of didactic lectures in the 3rd year; and an oral and practical examination at the end of each term in the 4th year.

To qualify for the Final Examinations leading to the degree, a student must have passed the course examinations in the required subjects of the clinical group, and must have satisfactorily completed the prescribed courses of study and practice in:

I. Ophthalmology.
II. Oto-Laryngology.
III. Psychiatry.
IV. Infectious Diseases.
V. Anæsthesia.
VI. Pathological Anatomical Technique and methods of Post Mortem Examination and Diagnosis.
VII. Public Health Survey.

The Final Examinations in Medicine, Surgery and Obstetrics must all be passed at one time, but a student who fails in one of these subjects only may, at the discretion of the Faculty, be allowed a re-examina-

tion in that subject at the next regular examination period, provided that he shall have satisfactorily completed such additional work as may be prescribed by the Head of the Department concerned.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

At the end of the Spring Term, the Promotion Committee will consider the cases of all students who at the conclusion of their third term are reported by their instructors as having fallen below the grade of C and shall determine whether such students are to be allowed to continue, warned, required to repeat the course or courses, or to retire from the Faculty.

NOTE:—The "Required Courses," together with suitable "Elective Courses" in the second year, will qualify a candidate for the First (Primary) Examination for Fellowship in the Royal College of Surgeons of England and for the Primary Examination for Fellowship in the Royal College of Physicians and Surgeons of Canada.

C. GRADING

At the conclusion of each course, students will be graded in five groups, as follows:—

A=Excellent
B=Good
C=Fair
D=Doubtful
E=Failure

In reporting the grading, the names of those students who attain "A" standing shall be arranged in order of merit; in all other grades the arrangement shall be alphabetical.

The grade assigned to a student shall be based upon the result of the Final Examination, but the instructor will also take into account the record of the work done throughout the course.

The quality of the English used by a candidate will be taken into account in determining his standing in all examinations.

FELLOWSHIPS, SCHOLARSHIPS, BURSARIES, MEDALS, PRIZES, AND LOAN FUNDS

Details of fellowships, scholarships, bursaries, medals and prizes open to undergraduate and graduate students in Medicine will be found in the Scholarships Announcement.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all of the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for five full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University.

3. No one shall be permitted to become a candidate for the degree who shall not have attended at least one full session at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions or nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE TO PRACTISE

Intending students are reminded that a University degree in Medicine does not in itself confer the right to practise the profession of medicine. In each Province of Canada and in each one of the United States the right of licensing is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University *requires Canadian students to register with the licensing body of their home province before beginning their medical course.*

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:—

QUEBEC—Dr. J. E. Laberge, 1896 Dorchester St. West, Montreal.

ONTARIO—Dr. Robert T. Noble, 566 University Avenue, Toronto, Ont.

NEW BRUNSWICK—Dr. J. M. Barry, 182 Princess St., Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. H. D. Johnson, 275 Richmond St., Charlottetown, P.E.I.

MANITOBA—Dr. W. G. Campbell, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. George R. Johnson, Calgary, Alta.

SASKATCHEWAN—Dr. J. G. K. Lindsay, 307 Birks Bldg., Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. J. MacLachlan, 203 Medical-Dental Building, Vancouver, B.C.

The Registrar for Newfoundland is Dr. C. Macpherson, St. John's Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF GREAT BRITAIN

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

COURSES OF INSTRUCTION

ANATOMY

THE ROBERT REFORD PROFESSOR:—C. P. MARTIN

PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON

ASSISTANT PROFESSOR OF ANATOMY:—H. D. O'BRIEN

ASSISTANT PROFESSOR OF HISTOLOGY:—H. SELYE

LECTURER IN HISTOLOGY:—A. J. DALTON

SENIOR DEMONSTRATOR IN ANATOMY:—D. S. FORSTER

DEMONSTRATORS IN ANATOMY:—F. S. DORRANCE, G. A. HOLLAND, J. C. LUKE, H. S. MORTON, A. M. VINEBERG, E. WORKMAN

DEMONSTRATORS IN HISTOLOGY:—J. R. DEAN, E. WORKMAN

TEACHING FELLOWS IN ANATOMY:—F. L. MCNAUGHTON, D. H. BLACK

ANATOMY

Required Courses

1. **Course in Gross Anatomy. First Year.**

 Five hours lectures and fifteen hours laboratory work per week during the Autumn, Winter and Spring terms.

2. **Course in Neuro-Anatomy. Second Year.**

 Six hours per week lectures and laboratory work in Neuro-Anatomy and the Anatomy of the Special Sense Organs during the Autumn and Winter terms.

3. **Course in Applied Anatomy. Third Year.**

 One hour per week lectures and demonstration during Winter and Spring terms. This course is conducted mainly by clinicians from the Royal Victoria and Montreal General Hospitals.

Text-books:—Gray's "Anatomy" (English Edition) or Cunningham's "Text-Book of Anatomy".

Practical Manuals:—Cunningham's "Manual of Practical Anatomy"; Johnston's "Synopsis of Regional Anatomy".

Optional Texts:—Quain, Piersal, Spalteholz Atlas, Fraser's "Anatomy of the Human Skeleton", Buchanan, Frazer and Robbins.

Group Classes in Osteology are conducted weekly by the Demonstrators throughout the First Year Course.

Elective Courses

The Department provides, as far as material will permit, facilities for advanced work or revision. The Head of the Department should be consulted by anyone wishing to undertake work of this nature.

4. Course in Physical Anthropology.

Three hours lecture and laboratory per week for two terms on the Comparative Anatomy of the Human Skeleton, Fossil Man, and the Ancestral History of Man as far as it may be inferred from fossil remains.

MICROSCOPIC ANATOMY

Required Courses

5. Histology. First Year.

The study of the histological structure of the body with the exception of the central nervous system and the special sense organs. Three hours lectures and six hours laboratory work per week during Autumn and Winter terms.

6. Neuro-histology. Second Year.

In this course the histology of the central nervous system and the special sense organs will be taken up. It will be arranged to correlate with, and form part of, the course in Neuro-Anatomy (Anatomy 2) in the Winter term.

Text-books:—Maximow and Bloom, "Histology"; Ranson, "Anatomy of the Nervous System".

Optional Texts:—Histology—Cowdry, Lewis and Bremer, Jordan, Bailey, Shaefer; Neuro-histology—Villiger.

EMBRYOLOGY

Required Courses

7. The Study of Human Developmental Anatomy.

Three hours lecture and laboratory work per week during Winter (2nd half) and Spring terms.

Text-book:—Arey, "Developmental Anatomy".

Optional texts:—Jordan, Simkins, Bailey and Millar, Keith, Fraser.

PHYSIOLOGY

THE JOSEPH MORLEY DRAKE PROFESSOR:—JOHN TAIT

RESEARCH PROFESSOR:—BORIS P. BABKIN

ASSISTANT PROFESSOR:—N. GIBLIN

LECTURERS:—S. DWORKIN, D. A. ROSS

TEACHING FELLOW:—W. H. JOHNSON

Required Courses

1. **First Year Lectures.**

Monday, Wednesday, Friday, at 9; from the beginning of September to the end of May.

1A. **First Year Laboratory.**

Six hours a week, Winter Term.

2. **Second Year Lectures.**

Tuesday, Thursday, Saturday, at 9. Autumn Term.

2A. **Second Year Laboratory** (Mammalian).

Eight hours a week. Autumn Term.

Text-books:—

Systematic Physiology—Human.

Winston and Bayliss, Human Physiology; Halliburton and McDowall, Handbook of Physiology; Howell, Textbook of Physiology; Starling (and Evans), Human Physiology; Roaf, Textbook of Physiology; MacLeod (and Bard), Physiology in Modern Medicine.

Clinical Physiology.

Samson Wright, Applied Physiology; McDowall, Clinical Physiology; Wiggers, Physiology in Health and Disease; Best and Taylor, Physiological Basis of Medical Practice.

Laboratory Manuals (requisite).

Sharpey-Schafer, Experimental Physiology; Sherrington and Liddell, Mammalian Physiology.

Other Courses

(Available only for students who have obtained Honours in the Required Courses, and by application to the Head of the Department).

3. **Advanced Lectures.**

3A. **Advanced Laboratory.**

BIOCHEMISTRY AND PATHOLOGICAL CHEMISTRY

GILMAN CHENEY PROFESSOR AND HEAD OF THE DEPARTMENT:—
J. B. COLLIP

PROFESSOR:—D. L. THOMSON

LECTURERS IN PATHOLOGICAL CHEMISTRY:— J. S. L. BROWNE, E. H. MASON, I. M. RABINOWITCH

LECTURER:—O. F. DENSTEDT

The Department offers, in addition to the required lecture and laboratory course, an elective course in Endocrinology; other courses are described in the Announcement of the Faculties of Arts and Science, and of Graduate Studies and Research.

1. General Physiological Chemistry:

(a) Lectures: Monday, Wednesday, Friday at 9.

(b) Laboratory: Six hours weekly, Monday morning and Thursday afternoon, or Tuesday afternoon and Friday morning.

Text-books:—Bodansky, "Introduction to Physiological Chemistry" (Wiley); Cameron, "Text-Book of Biochemistry". (Macmillan); Cameron and Gilmour, "Biochemistry of Medicine" (Churchill); Wright, "Applied Physiology" (Oxford Univ. Press). A synopsis of the laboratory course is issued by the Department.

This course is given in the Autumn and Winter terms.

2. Endocrinology:

Lectures: Monday, Friday at 2.

Text-book: — Cameron, "Recent Advances in Endocrinology" (Blakiston).

PATHOLOGY

STRATHCONA PROFESSOR:—.....

PROFESSOR:—L. J. RHEA

ASSISTANT PROFESSOR:—T. R. WAUGH

LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

LECTURER:—J. E. PRITCHARD

LECTURER IN NEUROPATHOLOGY:—W. V. CONE

ASSISTANT DEMONSTRATORS:—

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CURATOR OF MUSEUM:—W. H. CHASE

Required Courses

I. Didactic Lectures.

A1. General Pathology and Pathological Anatomy.

Two lectures (with epidiascope demonstrations) a week.
Autumn Term—Tuesday and Thursday, 4 p.m.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.....Professor.....

B1. Special Pathological Anatomy and Pathogenesis of the Circulatory, Respiratory, Digestive and Renal Systems.

One lecture with epidiascope demonstrations a week.
Autumn Term—Friday, 4 p.m.
Winter and Spring Terms—Wednesday, 4 p.m.
Pathological Institute.....Professor.....

B2. Diseases of the Blood Forming Organs.

One lecture a week. Autumn Term—Monday, 4 p.m.
Pathological Institute.....Professor Waugh.

B3. Pathological Anatomy of the More Important Ductless Glands.

One lecture a week. Winter Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Chase.

B4. Pathological Anatomy of the Nervous System.

One lecture a week. Spring Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Cone.

II. Practical Courses.

A2. Laboratory Course in General Pathological Anatomy and Histology (including the methods of microscopic technique and diagnosis with practical exercises in the living animal, in fresh and in hardened tissues). Six hours weekly.
Winter and Spring Terms—Tuesday and Thursday, 2 p.m.
Pathological Institute, Professor ———, Dr. Chase and Demonstrators.

B5. Laboratory Course in Special Pathological Anatomy and Histology.

Four hours weekly.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.
Professor Waugh, Dr. Chase and Demonstrators.

B6. Demonstrative Course and Practical Exercises in Pathological Anatomical Methods and Diagnosis (including autopsy technique and references to medico-legal practice).
Autumn, Winter and Spring Terms—Saturday morning, 11-12.30.
Pathological Institute.....Professor.....

C1. Performance of Autopsies—Group Instruction.
Autumn, Winter and Spring Terms. Time according to material.
Pathological Institute.....Dr. Chase and Demonstrators.
Montreal General Hospital.....Professor Rhea and Demonstrators.

Elective Courses

B7. Special Pathological Anatomy of Bones.
Spring Term—Thursday, 4 p.m.
Pathological Institute.....**Professor Waugh.**

B8. Special Hæmatological Technique.
Lectures and demonstrations on the more important hæmatological methods of examining the blood.
Winter Term—Thursday, 4 p.m.
Pathological Institute.....**Professor Waugh.**

C2. Methods of Post-Mortem Examination (including the methods of anatomical description and protocoling). For advanced students and physicians preparing for medico-legal practice. Time to be arranged.
Pathological Institute.....Dr. Chase.

C3. Demonstration and Discussion of Specimens Removed at Operation, (including microscopic diagnosis and interpretation). For advanced students.
Autumn, Winter and Spring Terms—Wednesday, 3 p.m.
Pathological Institute.....Professor Waugh.

Reference Books:—Oertel, Outlines of Pathology (Renouf); Oertel, Special Pathology of Circulatory, Respiratory, Renal and Digestive Systems (Renouf); Muir, Textbook of Pathology (Arnold); Virchow, Cellular Pathology (transl. by Chance); Cohnheim, Lectures on General Pathology (New Sydenham translation); Wilks and Moxon, Lectures on Pathological Anatomy (Churchill); Coats, Manual of Pathology (Longmans, Green); Virchow, Post Mortem Examinations (transl. by J. P. Smith, Churchill); Coman, Technique of Post Mortem Examination (Renouf).

BACTERIOLOGY AND IMMUNITY

PROFESSOR:—E. G. D. MURRAY
ASSOCIATE PROFESSOR:—FREDERICK SMITH
ASSISTANT PROFESSOR:—T. E. ROY
LECTURER:—C. D. KELLY
DEMONSTRATORS:—D. H. STARKEY, N. W. MCLELLAN, R. P. DOW
TEACHING FELLOW:—W. H. MATHEWS

Required Courses

All lectures and laboratory courses are given in the Department of Bacteriology (Pathological Institute).

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty-two lectures and 63 hours practical work. Third Term. Available to medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology and Biochemistry; also to students in their third year in Arts and Science reading for the B.Sc. Honours in Bacteriology, and to Graduate Students.

Course 2. Applied Medical Bacteriology and Immunity and the Processes of Infectious Diseases.

20 Lectures and demonstrations. First and Second Terms. Available to Medical Students who have completed two years of clinical work and satisfied the Examiners in Course 1.

Course 3. Bacteriology and Immunity for Honours B.Sc. (daily throughout the year; available only for Honours students in their Fourth year). 160 lectures and 852 hours practical work.

(Full details of the courses can be obtained by application to the Registrar).

Text-books:—Hans Zinsser and G. Bayne-Jones, Textbook of Bacteriology (Appleton); R. Muir and J. Ritchie, Manual of Bacteriology (Oxford University Press); R. T. Hewlett and James McIntosh, Manual of Bacteriology (Churchill); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere Tindall & Cox); W. H. Park and A. W. Williams, Pathogenic Micro-Organisms (Lea & Febiger); Hans Zinsser, Resistance to Infectious Diseases (Macmillan); W. W. C. Topley and G. S. Wilson, The Principles of Bacteriology and Immunity (Edward Arnold & Co.); W. W. C. Topley, An Outline of Immunity (Arnold); M. Langeron, Precis de Microscopie (Masson & Cie); A. Calmette, L. Negri and A. Boquet, Manuel Technique de Microbiologie et Serologie (Masson & Cie); D. H. Bergey, Manual of Determinative Bacteriology (Williams & Wilkins). E. O. Jordan, Textbook of General Bacteriology (Saunders); Frederick P. Gay, Agents of Disease and Host Resistance (C. C. Thomas).

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years. The following subjects are suggested as suitable for the average student.

Second Year—General Zoology; Organic Chemistry; Histology; Elementary Physical Chemistry; Elementary Physiology; Colloid Chemistry.

Third Year—Biochemistry; Physiology; Elementary Medical Bacteriology; Parasitology; Mycology; Pharmacology.

Fourth Year—Bacteriology Course 3.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

STRATHCONA PROFESSOR AND HEAD OF THE DEPARTMENT:—
GRANT FLEMING

ASSOCIATE PROFESSOR:—R. ST. J. MACDONALD

ASSISTANT PROFESSOR (MENTAL HYGIENE):—W. T. B. MITCHELL

ASSISTANT PROFESSOR:—FRANK G. PEDLEY

DEMONSTRATOR (MENTAL HYGIENE):—BARUCH SILVERMAN

DEMONSTRATOR:—R. VANCE WARD

The instruction in Public Health and Preventive Medicine given to the medical undergraduates is designed to meet the requirements of the practitioner in Medicine.

In order that the importance of Public Health and Preventive Medicine may be kept before the student, short courses are given in the First and Second Years. These courses are of an introductory nature and, from a historical background, develop the needs and opportunities for preventive medicine and its social implications.

The Department aims to correlate the teaching of the preventive aspects of medicine with the teaching of other departments in their special field. In addition, those phases of the subject that are not included elsewhere are covered, such as water, milk and food supplies, public health administration, hygiene of the school child, industrial hygiene and mental hygiene.

The course in Mental Hygiene, included in the teaching of the Department of Public Health and Preventive Medicine, attempts to give the student an understanding of what is possible and of what is being done in the way of preventing nervous and mental diseases, delinquency and crime, and social failure. This implies a knowledge of what is normal in the way of behaviour responses at the different stages of the in-

dividual's development; of how we may recognize and deal with significant deviations from the average response; the factors underlying individual success and failure; the place and the means of introducing mental health principles into home, school, social and industrial situations.

The hygiene of the child of school age includes, for consideration, the chief points of a school health service, its scope, and the duties of the School Medical Officer, a post frequently undertaken by the general practitioner.

Industrial Hygiene deals with the application of the principles of preventive medicine to industry. The various factors which influence the health of work people are discussed, and the means which may be taken to supervise their health and safety are considered.

A health study of the student's home town, or some other place acceptable to the Department, is required before the beginning of the final year. This study requires individual field work by each student.

Required Courses

1. **Introduction to Public Health and Preventive Medicine.**
 Spring term.....Professors Fleming and Mitchell.
2. **Public Health Organization and Administration.** (Including related community services).
 Spring term.....Professors Fleming, Macdonald and Dr. Silverman.
3. **Mental Hygiene.**
 Autumn term.....Professor Mitchell.
4. **Practice of Preventive Medicine.**
 Winter term.....Professors Fleming, Macdonald and Pedley.
5. **Demonstrations.**
 Winter term.
6. **Communicable Disease Control.**
 Autumn term Professors Fleming and Macdonald.
7. **Health Study of a City or Town.**
 To be submitted during the month of October of the final year. The student is later required to review this study with a member of the staff.

Text-books and Reference books:—

The General Field:—Mustard; Parkes and Kenwood; Rosenau; Park; Fitzgerald.

Industrial Hygiene:—The Health of the Industrial Worker, Collis and Greenwood; Industrial Health, Hayhurst, Emery and Kober; Industrial Poisons in the United States, Hamilton.

Mental Hygiene:—The Mental Hygiene of Childhood, White.

School Hygiene:—The Fundamentals of School Health, Kerr.

PHARMACOLOGY AND THERAPEUTICS

PROFESSOR:—R. L. STEHLE

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

ASSISTANT PROFESSOR OF PHARMACOLOGY:—K. I. MELVILLE

LECTURERS IN THERAPEUTICS:—D. GRANT CAMPBELL, W. DE M. SCRIVER

LECTURER IN ANÆSTHESIA:—WESLEY BOURNE

LECTURER IN PHARMACOLOGY:—A. M. FRASER

PHARMACOLOGY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

Required Courses

1. **Pharmacology.** The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.
 Three lectures a week during the Spring Term supplemented by one conference and one demonstration a week.
 The conference groups are limited to four students each.
 Professors Stehle and Melville.

2. **Pharmacological Laboratory.** The experiments are chosen to illustrate the lectures of the preceding course.
 Two periods (six hours) a week during the Spring Term.
 Professors Stehle and Melville.

THERAPEUTICS

The teaching of therapeutics will be closely linked with that of medicine.

Required Courses

3. **Pharmacy and Prescription Writing.** Five lectures and five laboratory periods during the Autumn term.
 Dr. Scriver.

4. **Therapeutics:** Didactic Instruction. A series of 15 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available.

4a. Therapeutics: Theatre Lectures. Fifteen clinical lectures to be given in the hospitals during the year in conjunction with the teaching of the Department of Medicine.

Dr. Lewis and Associates.

Text-books in Pharmacology. Cushny, Sollmann, Meyer and Gottlieb, Clark. *Text-book in Therapeutics.* Beckman.

Options

Suitably prepared persons may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See Announcement of the Faculty of Graduate Studies.

MEDICINE

PROFESSOR AND HEAD OF THE DEPARTMENT:—JONATHAN C. MEAKINS

PROFESSOR:—A. H. GORDON

ASSOCIATE PROFESSORS:- E. H. MASON, I. M. RABINOWITCH

ASSISTANT PROFESSORS:— C. C. BIRCHARD, J. S. L. BROWNE, J. KAUFMANN, D. S. LEWIS, C. F. MOFFATT, LORNE MONTGOMERY, J. B. ROSS

LECTURERS:— C. R. BOURNE, G. R. BROW, J. G. BROWNE, J. R. BYERS, D. G. CAMPBELL, KEITH GORDON, R. H. M. HARDISTY, A. T. HENDERSON, J. F. MCINTOSH, D. W. MCKECHNIE, E. S. MILLS, W. DE M. SCRIVER

DEMONSTRATORS:— L. J. ADAMS, GORDON A. COPPING, W. W. EAKIN, NEIL FEENEY, A. F. FOWLER, C. W. FULLERTON, C. R. JOYCE, W. R. KENNEDY, H. E. MACDERMOT, J. F. MACIVER, J. WENDELL MACLEOD, J. L. D. MASON, D. L. MENDEL, E. V. MURPHY, E. E. ROBBINS, H. N. SEGALL, COLIN SUTHERLAND, G. D. TAYLOR, C. J. TIDMARSH, R. VANCE WARD

ASSISTANT DEMONSTRATORS:— MARGARET E. B. CAMERON, W. C. GOWDEY, A. R. HALL, HOWARD S. MITCHELL, S. ORTENBERG, F. MCIVER SMITH

PSYCHIATRY

CLINICAL PROFESSOR:—C. A. PORTEOUS

DEMONSTRATORS:— G. E. REED, B. SILVERMAN, C. H. SKITCH

DERMATOLOGY

CLINICAL PROFESSORS:— P. BURNETT, J. F. BURGESS

DEMONSTRATORS:— L. P. EREAUX, B. USHER, F. E. CORMIA

ASSISTANT DEMONSTRATOR:—DONALD S. MITCHELL

CLINICAL THERAPEUTICS

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

LECTURERS IN THERAPEUTICS:— D. GRANT CAMPBELL, W. DE M. SCRIVER

LECTURER IN PHYSIO-THERAPY:—NORMAN BROWN

Foreword on the Courses in Medicine. The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease; to afford a knowledge of the technique and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded at the Royal Victoria Hospital and at the Montreal General Hospital where there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The courses in internal medicine and its various branches are so arranged as to give the individual student as much independence as possible in his selection of his instructors and time and place of his required and elective courses. The University lectures and clinical lectures are open to students of all years. The student, therefore, may within wide limits determine the period and scope of his instruction. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

Required Courses

1. A course of University lectures on Pathological Physiology and general medicine will be given in the autumn, winter, and spring terms, on Monday, Wednesday and Friday mornings, from 9 to 10 o'clock. This course of lectures will cover the field of medicine and will be delivered at the University Medical Building, by Professor Meakins and Assistants.

2. Courses of lectures will be given in Psychiatry and Therapeutics on two afternoons a week during the autumn and winter terms.

3. Clinical lectures in general medicine. A course of clinical lectures will be delivered throughout the autumn, winter, and spring terms, on two days a week. The exact hour in the different institutions will be announced from time to time. These clinical lectures will be given in the Royal Victoria Hospital and the Montreal General Hospital, by Professors Meakins, Gordon, and Assistants.

4. This course will cover physical examination and abnormal physical signs, the methods of history-taking, and systematic description of the various systems in a logical order. Its objective will be to prepare students for subsequent clinical and bedside work. It will be given in the spring term (16 weeks) of the second year and will occupy two periods a week of two hours each, from 10.15 to 12.15, to groups of students, at the Royal Victoria Hospital and the Montreal General Hospital.

5. A course in clinical microscopy will be given in the winter term only. There will be two laboratory periods a week, from 2 to 4 p.m., on Mondays and Fridays, in the Medical Building. This course will be organized so as to give instruction and practice in microscopy as applied to clinical medicine. Dr. Kaufman and Assistants.

6. A course in clinical medicine with case reporting and bedside clinics will be given in the autumn, winter and spring terms, to groups of students of the third year at the Royal Victoria Hospital and Montreal General Hospital. Each course will occupy five days a week from 9 a.m. to 3.45 p.m.

Professors Meakins, Gordon and Assistants.

7. A clinical course in Mental Medicine will be given in the autumn, winter and spring terms. This course will have the following divisions:

(a) Theatre clinics and bedside clinics on neuroses, psychoses and border line cases during the final year at the Royal Victoria and Montreal General Hospitals.

(b) One period a week during one term will be devoted to clinical demonstrations in Mental Hygiene at the Mental Hygiene Institute.....Professor W. T. B. Mitchell and Assistants.

(c) A certificate of one week's attendance at a Mental Hospital and the submission of three case reports. The attendance may be at any hospital approved by the department.

8. A clinical course in dermatology will be given in the autumn, winter and spring terms of one period a week at the Royal Victoria and Montreal General Hospitals.....Drs. Burnett and Burgess.

9. A course in clinical therapeutics will be given in the autumn, winter, and spring terms, of one period a week, one and one-half hour's duration, at the Royal Victoria Hospital and the Montreal General Hospital, by Professor Lewis and Dr. D. Grant Campbell.

10. **Physio-Therapy.** Three lectures and three periods of group instruction at times to be arranged. Drs. Lewis and Brown.

11. In the student's final year he becomes virtually a member of the Externe Staff of the teaching hospitals. He may elect to be allotted to the various services in the hospital in the capacity of clinical clerk, participating in the keeping of records, diagnosis and treatment of patients in the wards and Out-Patient Department, and the laboratory duties. He will accompany the physicians on their daily rounds, attend autopsies and report on them to his teachers.

Elective Courses

12. **Physio-Therapy (Practical):** A course of lectures and demonstrations dealing more fully with the application of physical methods to the treatment of disease. Dr. Brown.

13. **Therapeutics:** A series of ten evening lectures on certain special aspects of medical treatment will be offered if a sufficient number apply. These lectures will be given by those having a special interest in the various topics, and will be open to students and graduates.

Elective courses for advanced work are offered in the following subjects: Neurology, psychiatry, dermatology, clinical pathology, cardiology, hæmatology, diseases of the lungs, gastro-intestinal diseases, et cetera. The details of these elective courses will be announced at the beginning of each session.

It will be necessary for each student, in addition to taking the required courses, to choose a certain number of elective courses, the number chosen depending upon which elective courses are taken.

Text and Reference Books

Clinical Methods and Physical Diagnosis:—Todd, "Clinical Methods"; Flint, "Physical Diagnosis"; Major, "Physical Diagnosis; Murray, "Examination of the Patient"; Gradwohl, "Clinical Laboratory Methods and Diagnosis"; Hutchison and Hunter, "Clinical Methods"; Cabot, "Physical Diagnosis"; Department of Medicine, McGill University, "Guide to Medical Case Reporting".

General Medicine:—McLeod, "Physiology in Modern Medicine"; Best and Taylor, "Physiological Basis in Medical Practice"; Meakins, "Practice of Medicine"; Cecil," Text Book of Medicine"; Davis, "Cyclopedia of Medicine"; Rolleston, "The British Encyclopaedia of Medical Practice"; Lewis, "Diseases of the Heart"; White, "Heart Disease"; Norris and Landis, "Diseases of the Chest"; Eusterman and Balfour, "Stomach and Duodenum"; Hurst and Stuart, "Gastric and Duodenal Ulcer"; Joslin, "Diabetic Manual"; "Treatment of Diabetes Mellitus"; McLester, "Nutrition and Diet in Health and Disease"; Lusk, "Science of Nutrition"; Peters and Van Slyke, "Quantitative Clinical Chemistry", Vol. 1, Interpretations; DuBois, "Basal Metabolism in Health and Disease"; Kurzrok, "The Endocrines in Obstetrics and Gynaecology"; Clendening, "Methods of Treatment"; "Pharmocopoea of the Teaching Hospitals".

Psychiatry:—White, "Outlines of Psychiatry"; Henderson and Gillespie, "A Text of Psychiatry" (1936); Bernard Hart, "The Psychology of Insanity".

Neurology:—Brock, "The Basis of Clinical Neurology"; Cobb, "A Preface to Nervous Diseases"; Grinker, "Neurology".

Dermatology:—Walker's "Introduction to Dermatology"; MacLeod, "Diseases of the Skin"; Sutton and Sutton, "Diseases of the Skin"; Ormsby, "Diseases of the Skin".

PÆDIATRICS

PROFESSOR:—R. R. STRUTHERS

ASSISTANT PROFESSOR:—S. GRAHAM ROSS

LECTURERS:— A. GOLDBLOOM, L. LINDSAY, H. P. WRIGHT

DEMONSTRATORS:— A. K. GEDDES, ALAN ROSS, JESSIE BOYD SCRIVER

ASSISTANT DEMONSTRATORS:— H. L. BACAL, P. N. MACDERMOT, S. J. USHER

Required Courses

1. **Lecture Course:** A series of thirty clinical lectures on pædiatrics. Once a week during the Autumn, Winter and Spring terms (as announced) at the Medical Building or at the Children's Memorial Hospital.

 Professor Struthers and Assistants.

2. **Infectious Diseases:** A series of demonstrations to groups of students on the ordinary infectious diseases is given at the Alexandra Hospital.

3. **Diseases of the New Born**—Royal Victoria Montreal Maternity Pavilion.

4. **Clinical Pædiatrics:** During the final year the class is divided into groups, each group devoting five weeks to the study of the diseases of childhood, including—

 (a) Normal Infant Feeding and Development—Montreal Foundling and Baby Hospital.
 (b) General Pædiatrics—Children's Memorial Hospital.
 (c) Infectious Diseases—Alexandra Hospital.

Text-books:—Holt and McIntosh, "Diseases of Infancy and Childhood"; Griffith and Mitchell, "Diseases of Infants and Children"; Porter and Carter, "Management of the Sick Infant and Child"; Brown and Tisdall, "Common Procedures in Pædiatrics"; Wright, "Essentials of Infant Feeding and Pædiatric Practice"; Goldbloom, "Care of the Child"; Still, "Common Disorders and Diseases of Childhood"; John Thomson, "Clinical Study and Treatment of Sick Children."

Reference Books:—Brenneman, "Practice of Pædiatrics" (4 volumes); Parsons and Barling, "Disease of Infancy and Childhood" (2 volumes); Langdon, "Home Guidance for Young Children"; "Abt's Pædiatrics" (8 volumes).

NEUROLOGY AND NEUROSURGERY

PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—WILDER PENFIELD

ASSOCIATE PROFESSOR OF NEUROLOGY:—COLIN RUSSEL

ASSOCIATE PROFESSOR OF NEUROSURGERY:—WILLIAM CONE

CLINICAL PROFESSOR OF NEUROLOGY:—F. H. MACKAY

LECTURERS IN NEUROLOGY:—DONALD MCEACHERN, J. N. PETERSEN, N. VINER, A. W. YOUNG

LECTURER IN NEUROSURGERY:—A. R. ELVIDGE

LECTURER IN NEUROLOGICAL RENTGENOLOGY:—A. E. CHILDE

LECTURER IN PAEDIATRIC NEUROLOGY:—H. M. KEITH

LECTURERS IN CLINICAL PSYCHOLOGY:—MOLLY HARROWER, DONALD HEBB

DEMONSTRATOR IN NEUROSURGERY:—T. C. ERICKSON

DEMONSTRATOR IN NEUROLOY:—FRANCIS MCNAUGHTON

ASSISTANT DEMONSTRATOR IN NEUROSURGERY:—W. L. REID

ASSISTANT DEMONSTRATORS IN NEUROPATHOLOGY:—E. B. BOLDREY, G. Y. MCCLURE

RESEARCH FELLOWS:—F. ECHLIN, S. HUMPHREYS, J. KERSHMAN, W. NICHOLS, G. ODOM, J. ROBERTSON

The Department of Neurology and Neurosurgery co-operates intimately with the Departments of Medicine and Surgery in their regular teaching.

In addition the following elective courses are offered:

1. **Case Presentations. Diseases of the Nervous System.**
Outpatient Department, Roya Victoria Hospital, Tuesdays at 3.00 p.m.

Professor Penfield.

2. Fundamentals of Neurolog (Neuro-Anatomy, Neuro-Physiology, Biological Chemistry and Rentgenology).
Neurological Institute, Tuesdays at 5 p.m.

Drs. Petesen, Elvidge, McEachern, Childe, Keith, McNaughton and Erickson

SURGERY

PROFESSOR OF UROLOGY AND HEAD OF THE DEPARTMENT OF SURGERY:—
F. S. PATCH

ASSOCIATE PROFESSOR:—F. E. MCKENTY

ASSISTANT PROFESSORS:—C. K. P. HENRY, F. B. GURD

LECTURERS:—J. A. ARMOUR, H. M. ELDER, R. R. FITZGERALD, G. A. FLEET, GUY JOHNSON, G. GAVIN MILLER, DUDLEY ROSS, F. J. TEES, A. L. WILKIE

DEMONSTRATORS:—E. B. CHANDLER, HOWARD DAWSON, MARK KAUFMANN, C. A. MCINTOSH, L. H. MCKIM H. G. PRETTY, ALBERT ROSS, P. E. SILVER, A. STEWART

ASSISTANT DEMONSTRATORS:—F. D. ACKMAN, E. M. COOPER, G. D. LITTLE, S. J. MARTIN, J. C. SUTTON

UROLOGY

CLINICAL PROFESSOR:—D. W. MACKENZIE

LECTURER:—R. E. POWELL

DEMONSTRATORS:—A. B. HAWTHORNE, M. SENG

ORTHOPAEDIC SURGERY

CLINICAL PROFESSORS:—J. A. NUTTER, W. G. TURNER

LECTURERS:—W. J. PATTERSON, N. F. WILLIAMSON

ANÆSTHESIA

LECTURER:—J. C. STEWART

DEMONSTRATORS:—F. A. H. WILKINSON, J. W. ARMSTRONG

RADIOLOGY

LECTURERS:—E. C. BROOKS, W. L. RITCHIE

Instruction in Surgery and in the surgical specialties is imparted in the form of didactic lectures, theatre clinics and demonstrations and group teaching in the wards and out-patient departments.

Under the new curriculum, initiated in the Autumn of 1936, the students of the *Second Year* will receive instruction in Surgery in the Spring term (16 weeks).

This instruction will consist of:—

Didactic Lectures of an introductory type. Amphitheatre clinics to cover systematically important fractures and dislocations.

Group Clinics and demonstrations in the hospitals to cover case history taking and methods of physical examination.

In the *Third* and *Fourth* Years emphasis is placed upon clinical instruction in the hospitals.

Amphitheatre clinics, twice weekly, displace, in whole or in part, the didactic lecture.

Special stress is placed upon bedside and out-patient teaching, the students being divided into small groups of eight to ten receiving a type of tutorial instruction from individual teachers.

In these clinical years the students are assigned to patients in rotation, and they act as dressers and reporters in the wards and out-patient department.

Under this system the student is responsible for physical and laboratory examinations of the patient and as assistant at any operation performed.

Clinico-pathological Conferences are held weekly and conducted jointly by the clinicians and pathologists. They are attended by the groups of students in the clinical years.

A course of *Applied Anatomy* is conducted jointly by the Departments of Anatomy and Surgery, the teachers being derived from the surgical staff.

Instruction in *Anaesthesia* is given in the Department of Pharmacology, while practical instruction in the administration of anæsthetics is given in the hospitals to students of the two clinical years.

Under the "old" curriculum, which will terminate with the session 1939-40, the plan of instruction is similar, but the introduction to Surgery is in the Third Year.

The course is planned to lead the student by rapid stages through an elementary introductory course to personal contact with patients and clinical instruction in the more complicated and abstruse problems of diagnosis and treatment.

Close correlation is maintained with the Departments of Anatomy and Physiology as well as with the concurrent instruction in Medicine, Pathology and Bacteriology.

The course is graded and the student is required to qualify in each grade before he is permitted to advance to succeeding grades.

Text-books:—

1. *General Surgery*: John Homans, "A Text-book of Surgery"; Choyce, C. C., "A System of Surgery"; Gask and Wilson, "Surgery"; Hamilton Bailey, "Demonstrations of Physical Signs in Clinical Surgery"; Christopher Cole and Elman; Romanis and Mitchener.

2. *Emergency Surgery*: Sluss, John W., "Manual of Emergency Surgery."

3. *Surgical Anatomy*: McGregor, "Synopsis of Surgical Anatomy." Treves, "Surgical Applied Anatomy."

4. *Fractures*: Scudder, Charles L., "Treatment of Fractures"; Wilson and Cochrane, "Fractures and Dislocations."

5. *Case Reporting*: White, J. Renfrew, "The Clinical Examination of Surgical Cases."

6. *Urology*: Keyes' Urology, Mackenzie, "Surgery of the Bladder" (Oxford Press).

Collateral Reading: Hinman, The Principles and Practice of Urology; Cabot, Modern Urology; Lewis, System of Surgery, vols. 8-9; Eisendrath and Rolnick, Urology; Young, Urology; Stokes, Modern Clinic Syphilology.

7. *Orthopædic Surgery*: Whitman's "Orthopædic Surgery"; Fraser, "Tuberculosis of Bones and Joints of Children"; Tubby and Jones, "Surgery of Paralysis"; Jones, "Orthopædic Surgery of Injuries"; Jones and Lovett, "Orthopædic Surgery."

8. *Rœntgenology*: Harrison, "Textbook of Rœntgenology" (Ward).

OBSTETRICS AND GYNAECOLOGY

PROFESSOR AND HEAD OF THE DEPARTMENT:—J. R. FRASER

CLINICAL PROFESSORS:— H. C. BURGESS, J. W. DUNCAN, J. R. GOODALL

ASSISTANT PROFESSORS:— W. A. G. BAULD, A. D. CAMPBELL

LECTURERS:— G. C. MELHADO, IVAN PATRICK

DEMONSTRATORS:— DOUGLAS GURD, J. STEWART HENRY, ELEANOR PERCIVAL, N. W. PHILPOTT, C. V. WARD

CLARA LAW FELLOW AND DEMONSTRATOR:—P. J. KEARNS

ASSISTANT DEMONSTRATORS:— K. T. MACFARLANE, D. W. SPARLING

The entire course is arranged on the basis of imparting a practical knowledge of Obstetrics, Gynæcology and the Care of the New-born. Throughout all trimesters the value of intimate contact with the patient in the normal and the pathological state is stressed.

The privilege of serving as an interne in the hospital for two weeks treating the patients from the time of delivery till discharge from hospital is an ideal arrangement. Each student serves in the ante-natal clinics in the city.

OBSTETRICS

Required Courses

1. An introductory course of thirty lectures on the fundamental principles of the subject dealing with the Anatomy, Embryology, Physiology and Pathology of the Pelvic Organs.
 Medical Building. Three times a week—Spring Term.
 Professor Fraser.

2. **Clinical instruction** during the year in the Royal Victoria Montreal Maternity Pavilion, including the conduct of labour and the puerperium in case room and wards, together with ante-natal care in the out-patient department.
 Autumn, Winter and Spring Terms.

3. **Special courses in obstetrical palpation** and on the manikin daily throughout the session with the aid of models, diagrams and lantern slides. **Autumn, Winter and Spring Terms.**

4. **Clinical Conferences** thrice weekly in the theatre throughout the year for the entire class, where living cases are presented illustrating the more important obstetrical conditions.

Autumn, Winter and Spring Terms.

5. **Group Instruction.** The teaching in the final year is conducted entirely by senior teachers.

Small groups of students are instructed in the Wards, Case Rooms and Out-patient Department in methods of examination, problems of delivery and the principles of treatment.

6. **Lecture Demonstrations** in the theatre are held daily during each term on the following subjects:—

A. Normal Labour Dr. Melhado.
B. Puerperal Infection Dr. A. D. Campbell.
C. Hæmorrhages of Pregnancy. Labour and the Puerperium.
Professor Duncan.
D. Toxæmia of Pregnancy Professor Goodall.
E. Dystocia Professor Burgess.

7. **Care of the New-born.** Drs. Struthers & Ross.

The clinical demonstration once weekly throughout the year by the Pædiatrician in charge of the new-born, is intended to provide a clear and concise survey of the physiology and pathology of the new-born. Particular emphasis is laid on infant feeding and neonatal disease.

8. **The Staff Conference** held once a week is arranged to give a complete account of the work of the hospital.

NOTE: Rooms are provided in the new pavilion where the students may reside, in groups of six, for a period of two weeks. During his period of interneship the student will under supervision deliver patients both in hospital and at their homes, and will undertake the medical care of mother and child during the puerperium.

GYNAECOLOGY

1. Theatre clinics and bedside instruction in the Royal Victoria and Montreal General Hospitals.....Professor Fraser, Dr. Campbell and Staff.

2. A special course on Gynæcological Pathology.....Dr. P. J. Kearns.

3. Methods of Gynæcological examination, diagnosis and treatment in the outdoor departments.

4. A special course of instruction, once a week, throughout the year in the cancer clinic on methods of diagnosis and treatment of cancer, dealing especially with Radium and X-Ray.....Dr. Bauld and Staff.

Text and Reference Books

Obstetrics

(1). De Lee	Principles and Practice of Obstetrics.
(2). Stander	Text book on Obstetrics.
(3). Ten Teachers	Midwifery.
(4). Harper	Clinical Obstetrics.
(5). Bourne	Synopsis of Midwifery and Gynæcology.
(6). Johnson, R. W.	Text book of Midwifery.
(7). Bland	Practice of Obstetrics.
(8). Miller, J.	Manual of Obstetrics.
(9). Appleton	Obstetrical and Gynæcological Monographs.
(10). Peterson	Demonstration Course in Obstetrics.
(11). Irving	Text book on Obstetrics.

Gynæcology

(1). Graves	Text book of Gynæcology.
(2). Curtis	Text book of Gynæcology and System of Gynæcology and Obstetrics.
(3). Ten Teachers	Diseases of Women.
(4). Monroe Kerr	Gynæcology.
(5). Blair Bell	Principles of Gynæcology.
(6). Kelly, Howard	Text book of Gynæcology.
(7). Goodall	Puerperal Infection.
(8). Crossen	Gynæcology.

OPHTHALMOLOGY

PROFESSOR:—F. T. TOOKE
CLINICAL PROFESSOR:—S. H. MCKEE
LECTURER:—J. A. MACMILLAN
DEMONSTRATORS:—K. B. JOHNSTON, STUART RAMSEY, J. ROSENBAUM, R. J. VIGER
ASSISTANT DEMONSTRATOR:—A. BRAMLEY-MOORE

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses:—

1. **Routine examination of the eye.**

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours.....Professor Tooke and members of the Staff.

2. **Lecture demonstrations.**

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential concepts for the clinical work of the Final Year.

Ten Hours.....Professor Tooke.

3. **Clinical Ophthalmology.**

In the Final Year, the entire available time is devoted to an intensive study of the ocular problems that are of greatest moment in general practice—the external diseases of the eye, and the main ophthalmoscopic findings in systemic disorders and affections of the nervous system; with practical lessons in ophthalmic nursing and first aid. This work is conducted in the ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals.

Professors Tooke, McKee and Staff.

Text-books:—Parsons, May, Swanzy, De Schweinitz, Fuchs.

OTO-LARYNGOLOGY

ASSISTANT PROFESSORS:— D. H. BALLON, G. E. HODGE

LECTURERS:— W. J. MCNALLY, R. P. WRIGHT

DEMONSTRATORS:— K. O. HUTCHISON, B. F. MACNAUGHTON, G. E. TREMBLE

ASSISTANT DEMONSTRATOR:—E. A. STUART

Instruction in Oto-Laryngology is given to students of the third, fourth and fifth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Third Year:

An introductory course of five demonstrations is given to students of the third year. These demonstrations deal with the normal anatomy of the ear, nose, throat, and with methods of examination. An opportunity is also afforded of studying rœntgenograms of normal and pathological nasal accessory sinuses and mastoids.

Fourth Year:

Five practical demonstrations are given on the common pathological conditions of the ear, nose, and throat.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the œsophagus.

Fifth Year:

Ten clinical demonstrations are given in the out-patient departments and wards of the hospitals. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books:—Sir St. Clair Thomson: Diseases of the Nose and Throat; A. Logan Turner: Diseases of the Nose, Throat and Ear; Chevalier Jackson and G. M. Coates: The Nose, Throat and Ear and Their Diseases; Philip O. Kerrison: Diseases of the Ear; Chevalier Jackson: Bronchoscopy, Oesophagoscopy and Gastroscopy; D. H. Ballon: Chapters on Bronchoscopy and Oesophagoscopy in Surgical Diseases of the Chest by Evarts A. Graham, J. J. Singer, Harry C. Ballon.

GRADUATE INSTRUCTION

1. Any medical graduate of McGill University who so desires may attend any of the regular undergraduate clinics. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. **Special graduate work** is offered in every department, both in the laboratories and in the clinics. Applications in writing, addressed to the head of the department concerned, must state the qualifications and experience of the applicant and the nature of the work he desires to do. The minimum fee is $30.00 a term (10 weeks).

3. **Course for Diploma of Public Health:** This course is specially designed as a thorough training for medical men undertaking the duties of a Medical Officer of Health.

The duration of the course is at least eight months (October 1st to May 31st).

The curriculum is as follows:—

(a) A course of lectures dealing in a comprehensive manner with the general principles of public health and preventive medicine.

(b) Bacteriology—a full practical course in general bacteriology, with special application to public health.

(c) (1) *Sanitary Chemistry.* Examination of air, water and water supplies in general, the commoner foods and beverages, sewage and sewage effluents, etc.; chemical investigations connected with trades and occupations; (2) *Physics.* General principles only in their application to hygiene.

(d) Practical public health work. An extended course under a M.O.H., affording facilities for instruction in public health relating to housing, factories, work-shops and industrial establishments, schools, waterworks, sewage plants, refuse distribution, abattoirs, dairies and milk stations, welfare centres, etc.

(e) Public health legislation and administration. Statutes and by-laws relating to public health and the powers of health authorities; administration of the office of a Medical Officer of Health.

(f) Vital statistics. Calculation and tabulations of returns of births, marriages and deaths and diseases.

(g) Meteorology and climatology; geographical and topographical distribution of disease.

Candidates for this diploma may claim exemption in any of the above subjects on presentation of adequate certificates.

Qualification for the diploma includes a knowledge of communicable diseases, of child hygiene and mental hygiene, the use of meteorological, hygienic and sanitary apparatus.

The successful candidate must further know the appearance of healthy and diseased tissues of animals, and their microscopic examination.

Finally, he must show a capacity to formulate a report on public health conditions in an actual locality and make annual and other reports as required by Officers of Health.

These examinations are written, oral and practical.

The fee for the course is $150.00 for British Subjects and $200.00 for non-British Subjects.

4. Special Courses in Public Health. Graduates desiring instruction in any special branch of Public Health and Preventive Medicine, such as School Health Services and Industrial Hygiene, should apply to the Head of the Department. Courses will be arranged, suitable for the applicants, in order that they may receive full benefit from the time devoted to the course.

BUILDINGS

THE MEDICAL BUILDING

This Building, erected in 1911, at a cost of over $600,000, contains the Offices of Administration, the Medical Library (with its 50,000 volumes, its Reading Rooms and their complete set of technical journals), the Departments of Anatomy, Public Health and Preventive Medicine, and the Museums of Anatomy, Pathology and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department. The Laboratories for Histology and Embryology have excellent facilities, with space for 120 students, and smaller rooms for research.

THE BIOLOGICAL BUILDING

Completed in 1922 at a cost of over $500,000, this building was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. This extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Biochemistry, Physiology and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the Laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital by a tunnel, is situated on the Northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology, Bacteriology and Medical Jurisprudence, and includes a Pathological Museum and museum workshops. It combines under one roof, quarters for teaching and research in these departments, both for the University and for the Royal Victoria Hospital. From the latter is drawn chiefly its material. It was constructed at a cost of $460,000; is of Montreal limestone; its main front is 242 feet long; the north end is 77 feet wide and the south end 60 feet. It provides ample facilities and equipment for instruction of students, and the research work of the Staff.

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and Neuro-surgery, which conducts both undergraduate and graduate teaching in the Faculty of Medicine. In addition to wards, operating rooms, laboratories, etc., the building provides complete residential accommodation for six research fellows.

HOSPITALS

Few medical schools on this Continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical School is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:—

Royal Victoria Hospital.
Montreal General Hospital.
Children's Memorial Hospital.
Foundling Division, Children's Memorial Hospital.
Alexandra Hospital for Infectious Diseases.
Verdun Protestant Hospital.
Royal Edward Institute.
The Royal Victoria Montreal Maternity Hospital.

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical School. These affiliated hospitals contain over 2,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University building, is a general hospital for acute diseases and contains 709 beds and 110 cribs. During 1937 it cared for 14,401 cases, while in its out-door department 72,982 cases were treated. Many new additions have been made in the Hospital. A modern University Medical Clinic was established in 1924.

There were 176 post-mortems.

The number of resident physicians is 45.

The Royal Victoria-Montreal Maternity Pavilion, with 214 beds for obstetrical and gynæcological cases, was opened in June, 1926. In this institution there are 117 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate student. During the year 1937 the obstetrical service cared for 1,694 confinements in the Hospital and 197 in the Out-patient Service, a total of 1,891. In the gynæcological section, 1,597 cases were admitted during the year.

There are nine resident physicians.

The Montreal General Hospital, Central and Western Divisions, is a general hospital for the treatment of acute diseases and contains 600 beds. In 1937 there were 11,571 admissions, giving a total of 188,869 patient days. The number of patients' visits to the Outpatient Department of both Divisions totals 189,114. Many modern additions to the original buildings have been made permitting increased bed capacity. There is a large biochemical laboratory completely equipped for the complete investigation of the metabolic aspects of disease and in conjunction with this department there is an outpatient clinic, one of the largest on the continent, for the treatment of diabetes mellitus. There were 343 autopsies performed which represents 83% of all autopsies obtainable, i.e., other than coroner's cases, etc. Post Mortem and surgical material at both Divisions is now used for teaching, and clinical teaching is carried out in the public wards at both Divisions. The number of resident physicians is 52. The Dental Clinic of the University completed in 1921 is located at the Central Division and has 50 dental chairs with a large and varied clientele. The number of visits to the Dental Clinic for the year 1937 was 24,527.

The Children's Memorial Hospital has 300 public beds, and, in 1937, admitted 3,639 patients. The attendance at its out-door department totalled over 26,292 visits. This hospital admits all classes of cases of disease in children, and enables the students to get a broad concept of pædiatrics. Of special interest are the newly-built wards with cubicles, the Department of Remedial Gymnastics, the Open-air Pavilions, and the well-equipped out-patient service.

There were 108 autopsies during the year, which represents 90.7% of all deaths.

The number of resident physicians is 13.

A short post-graduate course lasting one week is offered during the month of September, before the beginning of the regular session, when clinics, lectures and demonstrations on the more important phases of pædiatrics are given.

The Montreal Foundling and Baby Hospital has been taken over by the Children's Memorial Hospital, and the two institutions will be used as before for the teaching of students. The Foundling Division affords a large amount of clinical material and gives special facilities for instruction in child welfare and infant feeding. There are 75 beds.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are 172 beds, and, in 1937, 1,278 patients were admitted to the hospital. There were 22 autopsies.

The number of resident physicians is 4.

The Verdun Protestant Hospital has 1,100 beds. It serves to instruct students in the diagnosis and treatment of the psychoses. Students are taken about the wards in groups, and are required to report on cases and discuss the general problems of psychiatry with the teachers. Occupational therapy is emphasized.

The Royal Edward Institute in its new building, 3674 St. Urbain St., has space for 23 beds, with operating room, X-Ray equipment and modern facilities for the examination of patients; it is essentially a dispensary for tuberculosis and offers adequate material for teaching students, the essential features of pulmonary disease.

The Royal Victoria Hospital is adjacent to the Medical School, while the other affiliated hospitals are within easy access. These hospitals, with their large clinical and laboratory facilities, and their close affiliation with the University, offer excellent opportunities for the study of disease in all its phases.

LIBRARY

HONORARY LIBRARIAN:—R. L. STEHLE

The Library occupies the central part of the Medical Building, the whole front of the second and third floors, as well as a portion of the first floor. On the third floor is the magnificent reading room, 76 x 24 feet, exceptionally well lighted, and capable of accommodating seventy-five readers. On this floor also are the journal room and private office. The second floor contains the stack room, the book stacks at present containing about 50,000 volumes, as well as eight sections of unbound material in cases, such as hospital reports, university calendars, government publications and theses, and having a total capacity of sixty thousand volumes; also three study rooms. On the first floor are the cataloguing rooms, offices and pamphlet room.

A special feature of the Library is the journal collection, and every effort is being made to complete this section as far as possible, and thus to increase the value of the reference department of the Library. Through the generosity of interested friends there is also a valuable collection of approximately one thousand volumes of early works on the History of Medicine, dating from the fifteenth century. These can be consulted at

the Library. The Library is also very rich in ophthalmological material, largely through the interest of Dr. Casey A. Wood, who not only has given his private collection, but has continued each year to send many valuable books and periodicals. Through his generosity, in a short time, the Library will have one of the most complete ophthalmological periodical collections on this continent.

The journal collection is listed in the Catalogue of Scientific Periodicals in Canadian Libraries, and also in the Union List of Serials published by the W. H. Wilson Company.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other colleges showing proper credentials, and registered nurses. It is felt that graduates living at a distance are not aware of the fact that books may be borrowed from the Library on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during term from 9 a.m. to 6 p.m., and 7.30 to 9.30 p.m., except Saturdays, when it is closed at 5 p.m. After June 1st it is open from 9 a.m. to 5 p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

LIBRARIAN:—W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises nearly 9,000 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue was completed, indexed, and printed after his death ("Bibliotheca Osleriana," Clarendon Press, Oxford, 1929, xxxvi, 785 pp.)

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 137 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give

advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

1. THE McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:—

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers, are kept on file.

2. ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Fourth and Fifth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

3. THE OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussions. Each year an Honorary President has been elected from this older group.

McGill University has been greatly enriched by the gift of the Osler Library, bequeathed by Sir William. Members of the Society are fortunate in having ready access to this unique source of original material, comprising as it does a rare and valuable collection of some 9,000 volumes and pamphlets devoted to the history of science and medicine from the time of Hippocrates.

Desk

McGILL UNIVERSITY

MONTREAL



ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE

1939-1940

McGILL UNIVERSITY

MONTREAL



ANNOUNCEMENT

OF THE

FACULTY OF MEDICINE

1939-1940

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CALENDAR OF THE FACULTY OF MEDICINE

FOR THE SESSION 1939-40

1939

Tues.,	Sept.	5th	Registration of students in first four years of Medicine.
Wed.,	Sept.	6th	Autumn Term for students in first four years of Medicine begins.
Mon., Tues.,	Sept. 11th and Sept. 12th		Register opens for students in Fifth Year Medicine.
Wed.,	Sept.	13th	Autumn Term for students in Fifth Year Medicine begins.
Wed.,	Oct.	4th	Register closes for the session.
Fri.,	Oct.	6th	Founder's Day. Convocation. (James McGill born October 6th, 1744, died December 19th, 1813.)
Fri.,	Oct.	12th	Intercollegiate Sports Day. No lectures.
Sat.,	Nov.	11th	Remembrance Day. No lectures.
Wed.,	Dec.	20th	Last day of lectures before Christmas.

1940

Thurs.,	Jan.	4th	Lectures resumed.
Fri., Mon.,	Mar. 22nd to Mar. 25th (inclusive)		Easter vacation.
Tues.,	May	7th	Spring Term ends for students in Fifth Year Medicine.
Thurs.,	May	9th	Examinations begin in Fifth Year Medicine.
Thurs.,	May	30th	Convocation.
Sat.,	June	1st	Third Term ends for students in first three years of Medicine.
Mon.,	June	3rd	Examinations begin for students in the first three years of Medicine.

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HISTORICAL SUMMARY

(Faculty of Medicine)

1821-1938

1744 James McGill born October 6th (Founder's Day). Died 1813.

1801–02 Royal Institution for the Advancement of Learning contemplated by Provincial Act of Parliament.

1811 Will by James McGill leaving landed estate and £10,000 to Royal Institution for the Advancement of Learning for founding a University.

1818 Royal Institution for the Advancement of Learning incorporated. Montreal General Hospital opened on original site on St. Lawrence Street.

1821 Royal Charter granted to the Royal Institution for the Advancement of Learning for the foundation of McGill College. Cornerstone of new Montreal General Hospital laid.

1822–24 Montreal Medical Institution organized as a Medical School by Officers of Montreal General Hospital. At opening lecture at No. 20 St. James Street on October 28, 1824, there were four teachers and twenty-five students.

1829 Estate of James McGill surrendered by residuary legatee. First meeting of Governors at Burnside House. Montreal Medical Institution "engrafted upon" McGill University as its Medical Faculty. First session of Faculty of Medicine.

1831 Medical Faculty petitioned Legislature for permission to grant degrees, and framed statutes to fulfil conditions of charter for same by order of Solicitor-General.

1832 Statutes approved and permission to confer degrees granted to Medical Faculty, and Professorships granted by Crown to Drs. Holmes, Caldwell, Robertson and Stephenson.

1833 First University degree conferred in Medical Faculty upon W. Logie.

1836–37 Faculty removed to building next to present Bank of Montreal.

1840 Faculty removed to St. George Street.

1842 Arts Building erected on University grounds, where medical lectures were held 1845–51.

1852 Faculty removed to Côté Street.

1855 Sir William Dawson appointed Principal.

1860 Geo. W. Campbell appointed Dean, serving until 1882.

1872 First independent Medical Faculty building on University ground.
Graduation of William Osler.

1882 Geo. W. Campbell Memorial Fund for Medical Faculty ($50,000); Leanchoil Endowment Fund for Medical Faculty (Lord Strathcona, $50,000).
R. P. Howard appointed Dean.

1885 New laboratories erected in Medical Building (Lord Strathcona, $100,000).

1889 Robert Craik appointed Dean—George Ross, Vice-Dean.

1893 Pathological Laboratory erected (John H. R. Molson, $60,000); Chairs of Hygiene and of Pathology endowed (Lord Strathcona, $100,000).
Mrs. Mary Dow Endowment Fund presented to Medical Faculty ($10,000).

1894 Royal Victoria Hospital opened (Lord Mount-Stephen and Lord Strathcona).

1895 Sir William Peterson appointed Principal.

1898–01 Medical Faculty Building reconstructed and enlarged with new laboratories, etc. (Lord Strathcona, $100,000).
Joseph Morley Drake Chair of Physiology founded ($25,000).

1901 Thomas G. Roddick appointed Dean.

1906 Alexandra Hospital for Infectious Diseases opened.

1907 Medical Building partly destroyed by fire.

1908 F. J. Shepherd appointed Dean.

1909–11 New Medical Building (as at present) erected. (Lord Strathcona, $450,000).

1911 Robert Reford endowment of Department of Anatomy ($10,000).
Arthur A. Browne Memorial Fund for Research established ($10,000).
Dr. James Douglas research fellowship in Pathology founded ($25,000).

1912 Eddie Morrice Laboratory of Pharmacology opened (D. Morrice, $14,000).
James Cooper Endowment Fund established for Internal Medicine ($60,000).

1913 Graduates of the Faculty of Medicine subscribed $12,566 to meet fire loss.

1914 H. S. Birkett appointed Dean.
No. 3 (McGill) General Hospital organized for Overseas service.
New Foundling Hospital opened.

1916 Ross Memorial Pavilion (J. K. L. Ross), opened by H.R.H. Duke of Connaught.

1917 Geo. Ross Endowment Fund for Medical Faculty presented.

1919 Sir William Macdonald bequeathed $500,000 to Medical Faculty.
Faculty of Dentistry established. Osler Library (of the history of medicine and science) bequeathed to the Faculty of Medicine by Sir William Osler.

1920 Sir Arthur Currie appointed Principal.
Dr. J. W. Scane appointed Assistant Dean.
Children's Memorial Hospital affiliated with McGill.

1921 Centenary Celebration.
Friends and Graduates of McGill donated $4,000,000 to University.
Province of Quebec donated $1,000,000 to University.
Rockefeller Foundation granted $1,000,000 to Medical Faculty.
F. G. Finley appointed Dean.

1922 Laboratories for Biological Sciences opened.
Geo. E. Armstrong appointed Dean.
New Outpatient Department erected at Royal Victoria Hospital.

1923 Pathological Institute erected.
C. F. Martin appointed Dean.

1924 Rockefeller Foundation gave $500,000 to Medical Faculty to establish University Clinic in Department of Medicine at Royal Victoria Hospital.
Amalgamation of Western Hospital with the Montreal General Hospital.

1925 Erection of Royal Victoria-Montreal Maternity Pavilion.
Roddick Memorial Gates opened.

1926 Closing of old Montreal Maternity Hospital.

1927 Sub-department of Industrial Medicine formed, with Industrial Clinic at the Montreal General Hospital. (Grant of $25,000 from Metropolitan Life Insurance Company).
Inter-Hospital Commission formed for purposes of administration.

1929 Opening of new laboratory building for Experimental Surgery (Dean and Mrs. C. F. Martin, $40,000). Rockefeller Foundation gave $85,000 for research in Surgery.

1931 New wing added to Children's Memorial Hospital.

1932 Gift of $1,232,652 from the Rockefeller Foundation for the Department of Neurology and Neurosurgery.

1932 New building of Royal Edward Institute for Tuberculosis opened and affiliated with McGill University.

1933 Montreal Foundling and Baby Hospital taken over by Children's Memorial Hospital.

1935 A. E. Morgan appointed Principal.
Blanche Hutchinson Research Fund received (approximately $85,000.00).

1936 Dean Martin retired.
Professor Grant Fleming appointed Dean.
Gilman Cheney Chair of Biochemistry established.

1937 Lewis W. Douglas appointed Principal.

OFFICERS AND MEMBERS OF THE FACULTY SINCE ITS ORIGIN

DEANS

Dr. R. Robertson, official head of the Montreal Medical Institution, 1823, was followed by Dr. John Stephenson in 1829 as Registrar and official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with the title of Secretary.

A. F. Holmes, 1854.
Geo. W. Campbell, 1860.
R. P. Howard, 1882.
Robert Craik, 1889.
George Ross (Vice-Dean), 1889.
Thomas G. Roddick, 1901.
Francis J. Shepherd, 1908.
Herbert S. Birkett, 1914.
F. G. Finley, 1921.
George E. Armstrong, 1922.
C. F. Martin, 1923.
Grant Fleming, 1936.
J. C. Simpson (Associate Dean), 1936.

REGISTRARS

John Stephenson, 1829.
Archibald Hall, 1842.
William Wright, 1864.
Robert Craik, 1869.
William Osler, 1877.
F. J. Shepherd, 1883 (Acting).
James Stewart, 1884.
R. F. Ruttan, 1891.
E. M. Eberts, 1902.
J. W. Scane (Assistant Dean, 1920-1922).

Registrarship abolished—1923

SECRETARY

J. C. Simpson, 1923.

MEDICINE

Chair of Medicine
(Founded 1824)

William Caldwell, 1824.
William Robertson, 1833.
Andrew F. Holmes, 1842.
R. P. Howard, 1860.
George Ross, 1889.
James Stewart, 1893.

Chair of Clinical Medicine
(Founded 1845)

James Crawford, 1845 and 1852.
Robt. L. MacDonnell, 1849.
Stephen C. Sewell, 1850.
R. P. Howard, 1856.
Duncan C. MacCallum, 1860.
Joseph M. Drake, 1872.
George Ross, 1872.
Richard L. MacDonell, 1889.
James Stewart, 1891.

Chair of Medicine and Clinical Medicine
(Founded 1907)
(*Chair of Medicine since 1923*)

F. G. Finley, 1907-1924.
H. A. Lafleur, 1907-1919.
C. F. Martin, 1907-1936.
W. F. Hamilton, 1924-1933.
J. C. Meakins, 1924
C. P. Howard, 1924-1936.
A. H. Gordon, 1937-1939.
L C. Montgomery, 1939.

SURGERY

Chair of Surgery
(Founded 1824)

John Stephenson, 1824.
G. W. Campbell, 1835.
Geo. E. Fenwick, 1875.
T. G. Roddick, 1890.

Chair of Clinical Surgery
(Founded 1840)

James Crawford, 1845.
William E. Scott, 1852.
Duncan C. MacCallum, 1856.
Robert Craik, 1860.
George E. Fenwick, 1867.
Thomas G. Roddick, 1876.
James Bell, 1894.

Chair of Surgery and Clinical Surgery
(Founded 1907)
(Chair of Surgery since 1923)

JAMES BELL, 1907-1911.
GEO. E. ARMSTRONG, 1907-1923.
J. A. HUTCHISON, 1913-1923.
E. W. ARCHIBALD, 1923-1937.
A. T. BAZIN, 1923-1938.
E. M. EBERTS, 1929-1938.
F. S. PATCH, 1938.

OBSTETRICS AND GYNAECOLOGY

Chair of Obstetrics
(Founded 1824)

WILLIAM ROBERTSON, 1824.
JOHN RACEY, 1833.
GEO. W. CAMPBELL, 1835.
MICHAEL MCCULLOCH, 1842.
ARCHIBALD HALL, 1854.
D. C. MACCALLUM, 1868.
ARTHUR A. BROWNE, 1883.
J. CHALMERS CAMERON, 1886.

Chair of Gynæcology
(Founded 1883)

WILLIAM GARDNER, 1883.
W. W. CHIPMAN, 1910.

Chair of Obstetrics and Gynæcology
(Founded 1913)

W. W. CHIPMAN, 1913-1929.
J. R. FRASER, 1929.
H. M. LITTLE, 1929-1934.

ANATOMY

(Chair founded 1824)

JOHN STEPHENSON, 1824.
OLIVER T. BRUNEAU, 1842.
WILLIAM E. SCOTT, 1856.
FRANCIS J. SHEPHERD, 1883.
A. C. GEDDES, 1913.
S. E. WHITNALL, 1919-1934.
C. P. MARTIN, 1936.

CHEMISTRY

Chair of Chemistry
(Founded 1824)

ANDREW F. HOLMES, 1824.
ARCHIBALD HALL, 1842.
WILLIAM SUTHERLAND, 1849.
ROBERT CRAIK, 1867.
GILBERT P. GIRDWOOD, 1879.
R. F. RUTTAN, 1902-1928.

Chair of Practical Chemistry
(Founded 1872)

GILBERT P. GIRDWOOD, 1872.
R. F. RUTTAN, 1894.

BIOCHEMISTRY

Chair of Biochemistry

(Founded 1920—endowed 1936)

A. B. Macallum, 1920-1928. J. B. Collip, 1928.
D. L. Thomson, 1936.

INSTITUTES OF MEDICINE

Chair of Institute of Medicine

(Founded 1824 and included the Departments of Physiology, Histology and Pathology)

John Stephenson, 1824.
Stephen C. Sewell, 1842.
Robert L. MacDonnell, 1845.
William Fraser, 1849.
Joseph M. Drake, 1868.
William Osler, 1874.

PHYSIOLOGY

(Founded 1824—endowed 1897)

Wesley Mills, 1886.
N. H. Alcock, 1911.
G. R. Mines, 1914.
John Tait, 1919.
Boris P. Babkin, (Research Professor), 1928.

HISTOLOGY

George Wilkins, 1883-1907.
J. C. Simpson, 1910.

PATHOLOGY

(Founded 1892—endowed 1893)

J. Geo. Adami, 1892.
H. Oertel, 1919-1938.
G. Lyman Duff, 1939.

PHARMACOLOGY

Chair of Pharmacology and Therapeutics

(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1835.
Stephen C. Sewell, 1842.
A. Hall, 1849.
William Wright, 1854.
James Stewart, 1883.
A. D. Blackader, 1891.

Chair of Pharmacology

H. G. Barbour, 1921.
R. L. Stehle, 1924.

BOTANY

(Chair founded 1829)

Andrew F. Holmes, 1829.
Dr. Papineau, 1845.
J. W. Dawson, 1855-56 *and* 1858-83.
James Barnston, 1857-58.
D. P. Penhallow, 1883-1912.
F. E. Lloyd, 1912-1934.

MEDICAL JURISPRUDENCE

(Chair founded 1845)

William Fraser, 1845.
Francis Badgley, 1849.
Francis C. T. Arnoldi, 1850.
William E. Scott, 1851.
William Wright, 1852.
R. Palmer Howard, 1854.
Duncan C. MacCallum, 1860.
George E. Fenwick, 1867.
William Gardner, 1875.
George Wilkins, 1883.
D. D. MacTaggart, 1911-1929.

HYGIENE AND PUBLIC HEALTH

(Chair founded 1871—endowed 1893)

George Ross, 1871.
Thomas G. Roddick, 1873.
Robert T. Godfrey, 1875.
William Gardner, 1879.
R. L. MacDonnell, 1886.
Robert Craik, 1889.
Wyatt Johnston, 1902.
T. A. Starkey, 1902.
Grant Fleming, Professor and Head of the Department of Public Health and Preventive Medicine, 1926.

OPHTHALMOLOGY AND OTO-LARYNGOLOGY

Chair of Ophthalmology and Otology

(Founded 1883)

Frank Buller, 1883.

Chair of Laryngology

(Founded 1893)

G. W. Major, 1893.
H. S. Birkett, 1895.

Chair of Oto-Laryngology

H. S. Birkett, 1895-1931.
E. Hamilton White, 1931-1933.

Chair of Ophthalmology

J. W. Stirling, 1906.
W. G. Byers, 1923.
F. T. Tooke, 1937-1939.
S. H. McKee, 1939.

ZOOLOGY

E. W. MacBride, 1902-1910.
Arthur Willey, 1910-1932.

HISTORY OF MEDICINE

Andrew Macphail, 1907-1937.

BACTERIOLOGY

F. C. Harrison, 1928-1930.
E. G. D. Murray, 1930.

NEUROLOGY AND NEUROSURGERY

(Founded 1932)

W. G. Penfield, 1932.

PAEDIATRICS

(Founded 1937)

H. B. Cushing, 1937.
R. R. Struthers, 1938

FACULTY OF MEDICINE

The one hundred and seventh session of the Faculty will open on September 6th, 1939 for students of the first, second, third and fourth years, and on September 13th for students of the fifth year.

ENTRANCE REQUIREMENTS

A sound general education is an essential foundation for professional training and a four-year course leading to a B.A. or B.Sc. degree is considered the most desirable preparation for the study of medicine. Preference will be given, therefore, to applicants who have had a full academic course in which the humanistic studies have not been sacrificed to a narrow scientific specialization. Candidates without a degree should have at least three years of college work.

It is distinctly to be understood that the Faculty does not undertake to accept all students who have passed the courses necessary to fulfil the requirements. It reserves the right to select for admission only those candidates who, in the opinion of the Committee on Admissions, give promise of work of high quality in the medical course.

All applicants must present satisfactory evidence that their college courses include the following:—

Physics—One year of general college Physics with laboratory work.

Biology—One year of General Biology and Zoology with laboratory work. One half-year of Botany and one half-year of Zoology will be accepted, but not one year of Botany alone.

Chemistry:—Two years:—
(a) One full course of General Chemistry with laboratory work.
(b) One full course of Organic Chemistry with laboratory work.

Students who wish to pursue their preliminary course at McGill may register as regular undergraduates in the Faculty of Arts and Science and should apply for admission to the Faculty of Medicine at the end of their third year or preferably on graduation.

Candidates for admission to the Faculty of Medicine must also present evidence that they have satisfied the matriculation requirements of the Licensing Body of the Province to which they belong (for further particulars see "Requirements for Licence to Practise," p. 42).

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than March 1st.

A fee of $25.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Dean or Associate Dean of the Faculty, when possible, is advisable.

APPLICATION FOR EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit to the Associate Dean of the Faculty an official statement of his preliminary education and of the medical course he has followed and the standing he has obtained. This should be accompanied by a Calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

REGISTRATION

Students entering all years of Medicine except the fifth will register at the Registrar's Office on Tuesday, September 5th. Fifth year students will register on September 11th and 12th, 1939. Those who register after these dates will be required to pay a late registration fee of $5.00 if they register during the first week of the session and $10.00 if during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

MEDICAL EXAMINATION

In order to promote as far as possible the physical welfare of the student body, men students of the First and Second Years, and women students of the First and Third Years, in every Faculty, and all students coming to the University for the first time, are required to be medically examined. The hours of such examinations are announced at the beginning of the session. Any student who has failed to comply with this regulation before the 1st of November will be fined $5.00. Any student who has failed to comply before the 8th of November will be fined an additional $5.00. Any student who has failed to comply before the 15th of November will be suspended. Re-examinations are held frequently throughout the session for those students who are of low category, or who are suffering from physical disability.

Students of all years, who wish to engage in athletic activities, are also required to be medically examined.

VACCINATION

Provincial and University regulations require that students entering the University must have been successfully vaccinated within the preceding seven years or have proved insusceptible to vaccine within the previous five years. Students should take steps to comply with this regulation before reporting for registration and should bring the necessary medical certificate of vaccination with them.

The penalties for non-compliance with this regulation are those stated above for the medical examination.

HEALTH

Provision is made by the Department of Physical Education for the care of the health of undergraduates during the session. If a student's admission to hospital is requisitioned for by the Department, but not otherwise, one half of all public ward charges is paid by the University. Should a student desire private accommodation the difference in the cost must be borne by him. Should a student receive treatment by a private practitioner without first having received a requisition form, he must bear all expenses involved.

No student, after having received medical attention as a result of sickness or injury, may resume participation in University athletics until the University Medical Officer declares him fit.

No dental treatment is supplied by the University.

The University is not responsible for damages of any kind resulting from accidents which may occur, and is not responsible for the medical or hospital expenses incurred by any person suffering an accident; if, however, in any such case, a recommendation to that effect is made in

writing by the Department of Physical Education, but not otherwise, the University may pay the whole or such portion of the medical or hospital expenses as is covered by such written recommendation. All cases of athletic injury requiring medical treatment or hospital accommodation must be reported immediately to the Director or the University Medical Officer. In cases of emergency the Royal Victoria Hospital or the Montreal General Hospital accepts cases but these must be reported to the Department of Physical Education as well as to the Athletics Manager within forty-eight hours.

A leaflet and handbook concerning this service and the general work of the Department are distributed at the opening of the session.

FEES

TUITION FEES:

1. Annual undergraduate fee for British students $360.00
 By instalments: Each of two instalments 182.50
 Annual undergraduate fee for Non-British students 460.00
 By instalments: Each of two instalments 232.50
2. Undergraduates repeating a year pay one half the regular tuition fee. This includes dissecting material, chemical reagents, laboratories, etc.
3. Qualified partial students are admitted to one or more courses on payment of special fees.
4. The fee for the graduate course in Public Health, including laboratory and outdoor work, is $150.00 for British and $200.00 for Non-British students. Students in this course are eligible for Health Service on payment of Five Dollars.

SPECIAL UNIVERSITY FEES:

5. Late registration, after September 5th or 12th $ 5.00
 Late registration, after September 12th or 19th 10.00
 Late payment fee 2.00
 Fine for late medical examination (see page 33)$5.00 or 10.00
 Supplemental Examinations, each paper 10.00
 Receipts for supplementals must be shown to the Dean's Office before the examination.
 Duplicate graduation diploma 10.00
 Certified copy of student's record 1.00
 Conferring degree *in absentia* 10.00
 Ad eundem fee for students from another university entering any year above the First 10.00
6. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

STUDENTS' ACTIVITIES:

7. A sessional fee of $21.00 is payable by all men undergraduates and $16.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletics Board.
8. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 7 as are open to them, an additional $10.50 is charged for men students and $8.50 for women students.

GENERAL REGULATIONS:

9. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 4 p.m., Saturday, 9 a.m. to noon, on the following dates:—

 First to Fourth years inclusive—Tuesday, September 5th to Friday, September 8th inclusive.

 Fifth year—Monday, September 11th and Tuesday, September 12th.

 or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.
10. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of Regulation 9.
11. Immediately after the prescribed dates for the payment of fees the Bursar will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Bursar.
12. All fees are payable in Canadian currency.
13. Domicile will in general determine whether a student pays the British or Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

UNIVERSITY LOAN FUND

A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made only to students with good academic standing.

For further particulars students should consult the Dean of the Faculty.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories:— 2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practitioner in medicine.

STUDENTS' EXPENSES

1. BOARD AND RESIDENCE

I. For Men.

Douglas Hall.

Douglas Hall, the new University residence for men, was opened in September, 1937. It is built on the staircase plan, each student normally having his own study-bedroom and sharing a sitting room with two other men, the three study-bedrooms and the sitting room forming a self-contained and separate suite. There is also a limited number of separate study-bedrooms. Meals, under the supervision of a qualified dietitian, are served in the attractive refectory and residents have in addition the use of adequate common rooms, play rooms, etc. Application forms may be obtained from the Registrar's Office or from the Warden.

Hall fees, including board and residence:

Faculty	Per Session
Arts and Science, Engineering, and Law	$ 360
Fifth year of Medicine and third and fourth years of Dentistry	$ 380
All other years of Medicine and first two years of Dentistry	$ 420

One half the fee is payable at the beginning of the session, one quarter on the 10th January, and the balance on the 1st April.

Lodgings.

Residential accommodation is provided for about 60 students in Strathcona Hall, the home of the Student Christian Movement in McGill University. Full particulars may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to Montreal met on arrival and helped to secure lodgings, if due notice is sent of the station and time of arrival.

Before the opening of the session each year a list of Approved Lodgings, which have been inspected by a representative of the University, is issued by the Lodgings Committee. This list, which gives details of rooms, meals, prices, etc., may be consulted in the Registrar's Office, the Students' Union, Strathcona Hall, and other University Buildings. The list is not sent by mail.

Board and lodging for men may also be obtained in the Diocesan College, the United Theological College, and the Presbyterian College, which are theological colleges affiliated with the University.

Board is furnished in the McGill Union at low rates.

The cost of board and lodging in approved rooms varies from $30 to $60 per month. Separately, good board costs from $25, and a room from $12 upwards per month.

II. For Women.

See the General Announcement which may be obtained from the Registrar's Office.

2. ESTIMATED ANNUAL EXPENSES

	British	Non-British
Tuition Fees	$360.00	$460.00
Fee for Athletics, Union, etc.	21.00	21.00
Caution Money Deposit	10.00	10.00
Board and Lodging	375.00	375.00
Books, Instruments, etc.	154.00	154.00
	$920.00	$1,022.00

It will be noted that in the above estimate no account is taken of personal expenses, such as cost of clothes, laundry, etc. Students are advised also to reckon on at least $20.00 to $25.00 per annum for subscriptions of various kinds.

COURSE AND EXAMINATIONS FOR THE M.D., C.M. DEGREE

THE NEW REGULATIONS

Beginning with the class of students entering the first year in September, 1936, the course in the Faculty of Medicine has been reorganized. The new regulations provide that:

> The minimum period of professional training required by the University as a qualification for the independent practice of medicine shall be five years, including—
>
> *(a)* **Four years of medical study in the University** leading to the degree of M.D., C.M.; and
>
> *(b)* One year of interneship in an approved hospital, *or* one year of further medical study in the Faculty of Medicine of McGill University or in another medical school approved by it.

In the four-year medical course the session is nine months, extending from the first week in September until the last week in May, with two weeks' vacation at Christmas and one week at Easter, thus covering thirty-six weeks.

The fifth year of training, which is required before licence in all Canadian Provinces and in 19 States of the Union, will be post-graduate, so that those who choose to devote it to interneship will enter the hospital with all the advantages that accrue from the possession of a medical degree.

On the satisfactory conclusion of the year of interneship or of advanced study the Faculty will issue to the graduate a certificate that he has satisfied the University requirements and is eligible to present himself for the examination of a licensing board.

The arrangement of the major subjects of instruction in the new course is as follows:

First Year:

Anatomy, Histology and Embryology, Physiology.

Second Year:

Anatomy, Physiology, Biochemistry, Pharmacology, General Pathology, Bacteriology, Parasitology, Medicine, Surgery, Obstetrics.

Third Year:

Special Pathology, Public Health, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Mental Hygiene, Psychiatry, Therapeutics, Ophthalmology, Otolaryngology.

Fourth Year:

Pathology, Bacteriology and Immunology, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Ophthalmology, Otolaryngology.

A. THE MEDICAL COURSE

The Academic year is divided into three terms and the minimum period of study required for the degree is twelve terms (four years).

The subjects comprised in the medical course are arranged in two groups:

The Preclinical Group:

Anatomy.
Histology and Embryology.
Biochemistry.
Physiology.
Pharmacology.

The Clinical Group:

Bacteriology.
Pathology.
Public Health and Preventive Medicine.
Medicine (including Pædiatrics, Neurology, Psychiatry, Dermatology and Laboratory Diagnosis).
Surgery (including Urology and Orthopædic Surgery).
Obstetrics and Gynæcology.

B. EXAMINATIONS

1. *Final or University Examinations* will be held in each major required subject of the curriculum. Grades attained in these examinations will be entered in the students' records, and will be the only grades used in determining aggregate standing.

To qualify for the University examination the student must have fulfilled the following conditions:

Anatomy: must have completed three terms of instruction in the subject and have passed all the required course examinations.

Histology and Embryology: must have satisfactorily completed two terms of instruction in the subject and have passed all required course examinations.

Physiology: must have satisfactorily completed three terms of instruction and have passed all required course examinations.

Biochemistry: must have completed two terms of instruction and have passed all course examinations in the subject.

Pharmacology: must have satisfactorily completed one term of instruction.

Bacteriology: must have completed a course in Bacteriology *and* must have taken at least six terms of clinical instruction.

Pathology: must have completed at least three terms of work in the subject.

Public Health: must have completed the course and have taken at least three terms of clinical instruction.

Medicine: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Medicine. The *practical* examination may be taken on completion of seven terms of clinical instruction.

Surgery: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Surgery. The *practical* examination may be taken on completion of seven terms of clinical instruction.

Obstetrics: both written and practical examinations may be taken on the completion of seven terms of clinical instruction.

2. *Departmental or Course Examinations,* i.e., examinations held during, or at the conclusion of individual courses in any subject and for the purpose of determining the students' progress and fitness to proceed in a given subject.

The following special regulations have been adopted in respect to course examinations in the clinical subjects:

1. *Pathology*—A course examination on the termination of the course in General Pathology.

2. *Medicine*—At the end of each term the group teachers shall report on the progress made by each student in their groups.

3. *Surgery*—At the end of each term the group teachers shall report on the progress made by each student in their groups.

4. *Obstetrics*—An oral examination at the end of the course of didactic lectures in the 3rd year; and an oral and practical examination at the end of each term in the 4th year.

To qualify for the Final Examinations leading to the degree, a student must have passed the course examinations in the required subjects of the clinical group, and must have satisfactorily completed the prescribed courses of study and practice in:

I. Ophthalmology.
II. Oto-Laryngology.
III. Psychiatry.
IV. Infectious Diseases.
V. Anæsthesia.
VI. Pathological Anatomical Technique and methods of Post Mortem Examination and Diagnosis.
VII. Public Health Survey.

The Final Examinations in Medicine, Surgery and Obstetrics must all be passed at one time, but a student who fails in one of these subjects only may, at the discretion of the Faculty, be allowed a re-examination in that subject at the next regular examination period, provided that he shall have satisfactorily completed such additional work as may be prescribed by the Head of the Department concerned.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

At the end of the Spring Term, the Promotion Committee considers the cases of all students who are reported by their instructors as having fallen below the grade of C and determines whether such students are to be allowed to continue, warned, required to repeat the course or courses, or to retire from the Faculty.

NOTE:—The "Required Courses." together with suitable "Elective Courses" in the second year, qualify a candidate for the Primary Examination for Fellowship in the Royal College of Physicians and Surgeons of Canada.

C. GRADING

At the conclusion of each course, students are graded in five groups, as follows:—

A=Excellent
B=Good
C=Fair
D=Doubtful
E=Failure

In reporting the grading, the names of those students who attain "A" standing are arranged in order of merit; in all other grades the arrangement is alphabetical.

The grade assigned to a student is based upon the result of the Final Examination, but the instructor also takes into account the record of the work done throughout the course.

The quality of the English used by a candidate is taken into account in determining his standing in all examinations.

FELLOWSHIPS, SCHOLARSHIPS, BURSARIES, MEDALS, PRIZES, AND LOAN FUNDS

Details of fellowships, scholarships, bursaries, medals and prizes open to undergraduate and graduate students in Medicine will be found in the Scholarships Announcement.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all of the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for four full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University.

3. No one is permitted to become a candidate for the degree who has not attended at least one full session at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions or nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE TO PRACTISE

Intending students are reminded that a University degree in Medicine does not in itself confer the right to practise the profession of medicine. In each Province of Canada and in each one of the United States the right

of licensing is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University *requires Canadian students to register with the licensing body of their home province before beginning their medical course.*

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:—

QUEBEC—Dr. E. Prud'homme, 1896 Dorchester St. West, Montreal.

ONTARIO—Dr. Robert T. Noble, 566 University Avenue, Toronto, Ont.

NEW BRUNSWICK—Dr. J. M. Barry, 182 Princess St., Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. H. D. Johnson, 275 Richmond St., Charlottetown, P.E.I.

MANITOBA—Dr. W. G. Campbell, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. George R. Johnson, Calgary, Alta.

SASKATCHEWAN—Dr. J. G. K. Lindsay, 307 Birks Bldg., Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. J. MacLachlan, 203 Medical-Dental Building, Vancouver, B.C.

The Registrar for Newfoundland is Dr. C. Macpherson, St. John's Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF GREAT BRITAIN

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

COURSES OF INSTRUCTION

ANATOMY

THE ROBERT REFORD PROFESSOR:—C. P. MARTIN

ASSISTANT PROFESSOR OF ANATOMY:—.....

ASSISTANT PROFESSOR OF HISTOLOGY:—H. SELYE

LECTURER IN HISTOLOGY:—A. J. DALTON

SENIOR DEMONSTRATOR IN ANATOMY:—D. S. FORSTER

DEMONSTRATORS IN ANATOMY:—
F. S. DORRANCE
G. A. HOLLAND
J. C. LUKE
H. S. MORTON
A. M. VINEBERG
E. W. WORKMAN

DEMONSTRATORS IN HISTOLOGY:—
I. R. DEAN
E. W. WORKMAN
W. WALFORD

TEACHING FELLOW IN ANATOMY:—F. L. MCNAUGHTON

ANATOMY

Required Courses

1. **Course in Gross Anatomy. First Year.**

Five hours lectures and fifteen hours laboratory work per week during the Autumn, Winter and Spring terms.

2. **Course in Neuro-Anatomy. Second Year.**

Six hours per week lectures and laboratory work in Neuro-Anatomy and the Anatomy of the Special Sense Organs during the Autumn and Winter terms.

3. Course in Applied Anatomy. Third Year.

One hour per week lecture and demonstration during the Winter and Spring terms. This course is conducted mainly by clinicians from the Royal Victoria and Montreal General Hospitals.

Text-books:—Gray's "Anatomy" (English Edition) or Cunningham's "Text-Book of Anatomy".

Practical Manuals:—Cunningham's "Manual of Practical Anatomy"; Johnston's "Synopsis of Regional Anatomy".

Optional Texts:—Quain, Piersal, Spalteholz Atlas, Fraser's "Anatomy of the Human Skeleton", Buchanan, Frazer and Robbins.

Group Classes in Osteology are conducted weekly by the Demonstrators throughout the First Year Course.

Elective Courses

The Department provides, as far as material will permit, facilities for advanced work or revision. The Head of the Department should be consulted by anyone wishing to undertake work of this nature.

4. Advanced Neuro-Anatomy.

Lecture and laboratory work on two evenings per week from October to December. By arrangement the course is held in the Neurological Institute under the direction of Dr. McNaughton, assisted by Drs. Petersen and Kershman. The class is limited to twelve. The course consists of the construction of plasticine models of the brain, based on individual study of the brain and brain stem.

5. Course in Physical Anthropology.

Three hours per week lecture and laboratory work for two terms on the Comparative Anatomy of the Human Skeleton, Fossil Man, and the Ancestral History of Man as far as it may be inferred from fossil remains.

MICROSCOPIC ANATOMY

Required Courses

6. Histology First Year.

The study of the histological structure of the body with the exception of the central nervous system and the special sense organs. Three hours lectures and six hours laboratory work per week during the Autumn and Winter terms.

7. Neuro-histology. Second Year.

In this course the histology of the central nervous system and the special sense organs will be taken up. It will be arranged to correlate with, and form part of, the course in Neuro-Anatomy (Anatomy 2) in the Winter term.

Text-books:—Maximow and Bloom, "Histology"; Ranson, "Anatomy of the Nervous System".

Optional Texts:—Histology—Cowdry, Lewis and Bremer, Jordan, Bailey, Shaefer; Neuro-histology—Villiger.

EMBRYOLOGY

Required Courses

8. The Study of Human Developmental Anatomy.

Three hours per week lecture and laboratory work during the Winter (2nd half) and Spring terms.

Text-book:—Arey, "Developmental Anatomy".

Optional texts:—Jordan, Simkins, Bailey and Millar, Keith, Fraser.

PHYSIOLOGY

THE JOSEPH MORLEY DRAKE PROFESSOR:—JOHN TAIT

RESEARCH PROFESSOR:—BORIS P. BABKIN

ASSISTANT PROFESSOR:—N. GIBLIN

LECTURERS:—S. DWORKIN, S. KOMAROW, D. A. ROSS

TEACHING FELLOW:—W. H. JOHNSON

Required Courses

1. First Year Lectures.

Monday, Wednesday, Friday, at 9; from the beginning of September to the end of May.

1P. First Year Laboratory.

Six hours a week, Winter Term.

2. Second Year Lectures.

Tuesday, Thursday, Saturday, at 9. Autumn Term.

2P. Second Year Laboratory (Mammalian).

Eight hours a week. Autumn Term.

Text-books:—

Systematic Physiology—Human.

Winton and Bayliss, Human Physiology; Halliburton and McDowall, Handbook of Physiology; Howell, Textbook of Physiology; Starling (and Evans), Human Physiology; Roaf, Textbook of Physiology; MacLeod (and Bard), Physiology in Modern Medicine.

Clinical Physiology.

Samson Wright, Applied Physiology; McDowall, Clinical Physiology; Wiggers, Physiology in Health and Disease; Best and Taylor, Physiological Basis of Medical Practice.

Laboratory Manuals (requisite).

Sharpey-Schafer, Experimental Physiology; Sherrington and Liddell, Mammalian Physiology.

Other Courses

(Available only for students who have obtained Honours in the Required Courses, and by application to the Head of the Department).

3. Advanced Lectures.

3P. Advanced Laboratory.

BIOCHEMISTRY AND PATHOLOGICAL CHEMISTRY

GILMAN CHENEY PROFESSOR AND HEAD OF THE DEPARTMENT:—
J. B. COLLIP

PROFESSOR:—D. L. THOMSON

LECTURERS IN PATHOLOGICAL CHEMISTRY:—J. S. L. BROWNE, E. H. MASON, I. M. RABINOWITCH

LECTURERS:—O. F. DENSTEDT, A. H. NEUFELD

The Department offers, in addition to the required lecture and laboratory course, an elective course in Endocrinology; other courses are described in the Announcement of the Faculties of Arts and Science, and of Graduate Studies and Research.

1. General Physiological Chemistry:

(a) Lectures: Monday, Wednesday, Friday at 9.

(b) Laboratory: Six hours weekly, Monday morning and Thursday afternoon, or Tuesday afternoon and Friday morning.

Text-books:—Bodansky, "Introduction to Physiological Chemistry" (Wiley); Cameron, "Text-Book of Biochemistry". (Macmillan); Williams, "Text-Book of Biochemistry" (van Nostrand); Cameron and Gilmour, "Biochemistry of Medicine" (Churchill); Wright, "Applied Physiology" (Oxford Univ. Press). A synopsis of the laboratory course is issued by the Department.

This course is given in the Autumn and Winter terms.

2. Endocrinology:

Lectures: Wednesday at 3.

Text-book: — Cameron, "Recent Advances in Endocrinology" (Blakiston).

PATHOLOGY

STRATHCONA PROFESSOR:—G. LYMAN DUFF

PROFESSOR:—L. J. RHEA

ASSISTANT PROFESSOR:—T. R. WAUGH

LECTURERS:—S. W. LIPPINCOTT, J. E. PRITCHARD

LECTURER IN NEUROPATHOLOGY:—W. V. CONE

DEMONSTRATOR:—H. D. CHIPPS

ASSISTANT DEMONSTRATORS:—F. P. FLOOD, A. W. GRAY, E. S. MURRAY, J. D. STENSTROM, G. C. WALKER

CURATOR OF MUSEUM:—S. W. LIPPINCOTT

Required Courses

I. DIDACTIC LECTURES.

A1. General Pathology and Pathological Anatomy.

Two lectures (with epidiascope demonstrations) a week.
Autumn, Winter and Spring Terms.
Pathological Institute Professor Duff.

B1. Special Pathological Anatomy and Pathogenesis of the Circulatory, Respiratory and Digestive Systems.

One lecture with epidiascope demonstrations a week.
Autumn and Winter Terms.
Pathological Institute Professor Duff.

B2. Diseases of the Blood Forming Organs.

One lecture a week. Autumn Term.
Pathological Institute Dr. Waugh.

B3. Pathological Anatomy of the Renal System.

One lecture a week. Winter Term.
Pathological Institute Dr. Lippincott.

B4. Pathological Anatomy of the Endocrine System.

One lecture a week. Winter Term.
Pathological Institute Dr. Lippincott.

B5. Pathological Anatomy of the Nervous System.

One lecture a week. Spring Term.
Pathological Institute.....Dr. Cone.

B6. Special Pathological Anatomy of Bones.

Spring Term.
Pathological Institute Professor Waugh.

II. Practical Courses.

A2. Laboratory Course in General Pathological Anatomy and Histology (including the methods of microscopic technique and diagnosis with practical exercises in the living animal, in fresh and in hardened tissues). Six hours weekly.
Winter and Spring Terms.
Pathological Institute, Professor ————, and Demonstrators.

B7. Laboratory Course in Special Pathological Anatomy and Histology.

Four hours weekly.
Winter and Spring Terms.
Pathological Institute.....Professor Waugh, Dr. Lippincott and Demonstrators.

B8. Clinico-pathological Conferences (with demonstration of autopsy material).

Autumn, Winter and Spring Terms.
Pathological Institute.....Professor Waugh, Dr. Lippincott, and members of Clinical Staff.

B9. Demonstrative Course and Practical Exercises in Pathological Anatomical Methods and Diagnosis (including autopsy technique and references to medico-legal practice).

Autumn, Winter and Spring Terms.
Pathological Institute Dr. Lippincott and Demonstrators.

B10. Surgical Pathology (a course of lectures and demonstrations dealing with the pathology of surgical material).
Autumn, Winter and Spring Terms.
Pathological Institute.....Professor Waugh and members of Surgical Staff.

C1. Performance of Autopsies—Group Instruction.
Autumn, Winter and Spring Terms. Time according to material.
Pathological Institute Dr. Lippincott and Demonstrators.
Montreal General Hospital.....Professor Rhea and Demonstrators.

Elective Courses

B8. Special Hæmatological Technique.
Lectures and demonstrations on the more important hæmatological methods of examining the blood.
Winter Term.
Pathological Institute.....Professor Waugh.

C3. Demonstration and Discussion of Specimens Removed at Operation, (including microscopic diagnosis and interpretation). For advanced students.
Autumn, Winter and Spring Terms.
Pathological Institute Professor Waugh and members of Surgical Staff.

Reference Books:— Aschoff, Pathologische Anatomie (Gustav Fisher); Boyd, Surgical Pathology (Saunders); Boyd, Pathology of Internal Diseases (Lea & Febiger); Ewing, Neoplastic Diseases (Saunders); Karsner, Human Pathology (Lippincott); Kaufmann, Spezielle pathologische Anatomie (Walter de Gruyter & Co.); MacCallum, A Text-Book of Pathology (Saunders); Muir, Text-book of Pathology (Arnold); Oertel, Outlines of Pathology (Renouf); Oertel, Special Pathology of Circulatory, Respiratory, Renal and Digestive Systems (Renouf); Smith and Gault, Principles of Pathology (Appleton Century); Whitby and Britton, Disorders of the Blood (Churchill); Willis, The Spread of Tumours in the Human Body (Churchill); Biggart, Pathology of the Nervous System (Livingstone); Buzzard and Greenfield, Pathology of the Nervous System (Churchill); Freeman, Neuropathology (Saunders); Coman, Technique of Post Mortem Examination (Renouf); Farber, Post Mortem Examination (Charles Thomas); Carleton, Histological Technique (Oxford); Mallory, Pathological Technique (Saunders).

BACTERIOLOGY AND IMMUNITY

PROFESSOR:—E. G. D. MURRAY
ASSOCIATE PROFESSOR:—FREDERICK SMITH
ASSISTANT PROFESSOR:—T. E. ROY
LECTURERS:—C. D. KELLY, W. H. MATHEWS
DEMONSTRATORS:—D. H. STARKEY, N. W. MCLELLAN, R. P. DOW, L. P. DEMERS, M. F. HOWIE

Required Courses

All lectures and laboratory courses are given in the Department of Bacteriology (Pathological Institute).

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty-two lectures and 63 hours practical work. Third Term. Available to medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology and Biochemistry; also to students in their third year in Arts and Science reading for the B.Sc. Honours in Bacteriology, and to Graduate Students.

Course 2. Applied Medical Bacteriology and Immunity and the Processes of Infectious Diseases.

20 Lectures and demonstrations. First and Second Terms. Available to Medical Students who have completed two years of clinical work and satisfied the Examiners in Course 1.

Course 3. Bacteriology and Immunity for Honours B.Sc. (daily throughout the year; available only for Honours students in their Fourth year). 160 lectures and 852 hours practical work.

(Full details of the courses can be obtained by application to the Registrar).

Text-books:—Hans Zinsser and G. Bayne-Jones, Textbook of Bacteriology (Appleton); R. Muir and J. Ritchie, Manual of Bacteriology (Oxford University Press); R. T. Hewlett and James McIntosh, Manual of Bacteriology (Churchill); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere Tindall & Cox); W. H. Park and A. W. Williams, Pathogenic Micro-Organisms (Lea & Febiger); Hans Zinsser, Resistance to Infectious Diseases (Macmillan); W. W. C. Topley and G. S. Wilson, The Principles of Bacteriology and Immunity (Edward Arnold & Co.); W. W. C. Topley, An Outline of Immunity (Arnold); M. Langeron, Precis de Microscopie (Masson & Cie); A. Calmette, L. Negri and A. Boquet, Manuel Technique de Microbiologie et Serologie (Masson & Cie); D. H. Bergey, Manual of Determinative Bacteriology (Williams & Wilkins). E. O. Jordan, Textbook of General Bacteriology (Saunders); Frederick P. Gay, Agents of Disease and Host Resistance (C. C. Thomas).

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years. The following subjects are suggested as suitable for the average student.

Second Year—General Zoology; Organic Chemistry; Histology; Elementary Physical Chemistry; Elementary Physiology; Colloid Chemistry.

Third Year—Biochemistry; Physiology; Elementary Medical Bacteriology; Parasitology; Mycology; Pharmacology.

Fourth Year—Bacteriology Course 3.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

STRATHCONA PROFESSOR AND HEAD OF THE DEPARTMENT:—
GRANT FLEMING

ASSOCIATE PROFESSOR:—R. ST. J. MACDONALD

ASSISTANT PROFESSOR (MENTAL HYGIENE):—W. T. B. MITCHELL

ASSISTANT PROFESSOR:—FRANK G. PEDLEY

DEMONSTRATOR (MENTAL HYGIENE):—BARUCH SILVERMAN

DEMONSTRATOR:—R. VANCE WARD

The instruction in Public Health and Preventive Medicine given to the medical undergraduates is designed to meet the requirements of the practitioner in Medicine.

The importance of Public Health and Preventive Medicine is kept before the student throughout his course. From an historical background are developed the needs and opportunities for preventive medicine, and its social implications.

The Department aims to correlate the teaching of the preventive aspects of medicine with the teaching of other departments in their special field. In addition, those phases of the subject that are not included elsewhere are covered, such as water, milk and food supplies, public health administration, hygiene of the school child, industrial hygiene and mental hygiene.

The course in Mental Hygiene, included in the teaching of the Department of Public Health and Preventive Medicine, attempts to give the student an understanding of what is possible and of what is being done in the way of preventing nervous and mental diseases, delinquency and crime, and social failure. This implies a knowledge of what is normal in the way of behaviour responses at the different stages of the in-

dividual's development; of how we may recognize and deal with significant deviations from the average response; the factors underlying individual success and failure; the place and the means of introducing mental health principles into home, school, social and industrial situations.

The hygiene of the child of school age includes, for consideration, the chief points of a school health service, its scope, and the duties of the School Medical Officer, a post frequently undertaken by the general practitioner.

Industrial Hygiene deals with the application of the principles of preventive medicine to industry. The various factors which influence the health of work people are discussed, and the means which may be taken to supervise their health and safety are considered.

A health study of the student's home town, or some other place acceptable to the Department, is required before the beginning of the final year. This study requires individual field work by each student.

Required Courses

1. **Introduction to Public Health and Preventive Medicine.**
 Spring term.....Professors Fleming and Mitchell.

2. **Public Health Organization and Administration.** (Including related community services).
 Winter term Professors Fleming, Macdonald and Dr. Silverman.

3. **Mental Hygiene.**
 Winter term Professor Mitchell.

4. **Practice of Preventive Medicine, and Communicable Disease Control.**
 Winter term.....Professors Fleming, Macdonald and Pedley.

5. **Demonstrations.** (Chandler Health Centre).
 Winter term.

6. **Health Study of a City or Town.**
 To be submitted during the month of October of the final year. The student is later required to review this study with a member of the staff.

Text-books and Reference books:—

The General Field:—Mustard; Parkes and Kenwood; Rosenau; Park; Fitzgerald.

Industrial Hygiene:—The Health of the Industrial Worker, Collis and Greenwood; Industrial Health, Hayhurst, Emery and Kober; Industrial Poisons in the United States, Hamilton.

Mental Hygiene:—The Mental Hygiene of Childhood, White.

PHARMACOLOGY AND THERAPEUTICS

PROFESSOR:—R. L. STEHLE

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

ASSISTANT PROFESSOR OF PHARMACOLOGY:—K. I. MELVILLE

LECTURERS IN THERAPEUTICS:—D. GRANT CAMPBELL, W. DE M. SCRIVER

LECTURER IN ANÆSTHESIA:—WESLEY BOURNE

LECTURER IN PHARMACOLOGY:—A. M. FRASER

PHARMACOLOGY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

Required Courses

1. **Pharmacology.** The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.
 Three lectures a week during the Spring Term supplemented by one conference and one demonstration a week.
 The conference groups are limited to four students each.
 Professors Stehle and Melville.

2. **Pharmacological Laboratory.** The experiments are chosen to illustrate the lectures of the preceding course.
 Two periods (six hours) a week during the Spring Term.
 Professors Stehle and Melville.

THERAPEUTICS

The teaching of therapeutics will be closely linked with that of medicine.

Required Courses

3. **Pharmacy and Prescription Writing.** Five lectures and five laboratory periods during the Autumn term.
 Dr. Scriver.

4. **Therapeutics:** Didactic Instruction. A series of 15 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available.

4a. Therapeutics: Theatre Lectures. Fifteen clinical lectures to be given in the hospitals during the year in conjunction with the teaching of the Department of Medicine.

Dr. Lewis and Associates.

Text-books in Pharmacology. Cushny, Sollmann, Clark. *Text-book in Therapeutics.* Beckman.

Options

Suitably prepared persons may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See Announcement of the Faculty of Graduate Studies.

MEDICINE

PROFESSOR AND HEAD OF THE DEPARTMENT:—JONATHAN C. MEAKINS

PROFESSOR:—L. C. MONTGOMERY

ASSOCIATE PROFESSORS:— E. H. MASON, I. M. RABINOWITCH

ASSISTANT PROFESSORS:— C. C. BIRCHARD, J. S. L. BROWNE, J. KAUFMANN, D. S. LEWIS, C. F. MOFFATT, LORNE MONTGOMERY, J. B. ROSS

LECTURERS:— C. R. BOURNE, G. R. BROW, D. G. CAMPBELL, KEITH GORDON, R. H. M. HARDISTY, A. T. HENDERSON, J. F. McINTOSH, D. W. McKECHNIE, E. S. MILLS, W. DE M. SCRIVER

DEMONSTRATORS:— L. J. ADAMS, GORDON A. COPPING, W. W. EAKIN, NEIL FEENEY, A. F. FOWLER, C. W. FULLERTON, C. R. JOYCE, W. R. KENNEDY, H. E. MACDERMOT, J. F. MACIVER, J. WENDELL MACLEOD, J. L. D. MASON, D. L. MENDEL, E. V. MURPHY, E. E. ROBBINS, H. N. SEGALL, COLIN SUTHERLAND, G. D. TAYLOR, C. J. TIDMARSH, R. VANCE WARD

ASSISTANT DEMONSTRATORS:— MARGARET E. B. CAMERON, A. R. HALL, HOWARD S. MITCHELL, S. ORTENBERG, F. MCIVER SMITH

PSYCHIATRY

ASSOCIATE PROFESSOR:—W. T. B. MITCHELL

CLINICAL PROFESSOR:—C. A. PORTEOUS

CLINICAL PROFESSOR OF NEUROLOGY:—F. H. MACKAY

LECTURERS IN NEUROLOGY:—A. W. YOUNG, N. VINER

DEMONSTRATORS:—T. H. DANCEY, A. A. MCKAY, G. E. REED, B. SILVERMAN, C. H. SKITCH

DERMATOLOGY

CLINICAL PROFESSORS:—P. BURNETT, J. F. BURGESS

LECTURER:—L. P. EREAUX

DEMONSTRATORS:—B. USHER, F. E. CORMIA

ASSISTANT DEMONSTRATOR:—DONALD S. MITCHELL

CLINICAL THERAPEUTICS

ASSOCIATE PROFESSOR:—D. S. LEWIS

LECTURERS:—D. GRANT CAMPBELL, W. DE M. SCRIVER

LECTURER IN PHYSIO-THERAPY:—NORMAN BROWN

Foreword on the Courses in Medicine. The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease; to afford a knowledge of the technique and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded at the Royal Victoria Hospital and at the Montreal General Hospital where there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The courses in internal medicine and its various branches are so arranged as to give the individual student as much independence as possible in his selection of his instructors and time and place of his required and elective courses. The University lectures and clinical lectures are open to students of all years. The student, therefore, may within wide limits determine the period and scope of his instruction. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

Required Courses

1. A course of University lectures on Medicine and Surgery with integration of Physiology, Biochemistry, and Anatomy. This course is designed to review and correlate MEDICINE in its broadest sense in regard to etiology, diagnosis and treatment. It commences with the last term of the second year and continues throughout the third year. It is given in the University Medical Building by members of the Departments of Medicine and Surgery.

2. Courses of lectures will be given in Psychiatry and Therapeutics on two afternoons a week during the autumn and winter terms.

3. Clinical lectures in general medicine. A course of clinical lectures will be delivered throughout the autumn, winter, and spring terms, on two days a week. The exact hour in the different institutions will be announced from time to time. These clinical lectures will be given in the Royal Victoria Hospital and the Montreal General Hospital, by Professors Meakins, Gordon, and Assistants.

4. This course will cover physical examination and abnormal physical signs, the methods of history-taking, and systematic description of the various systems in a logical order. Its objective will be to prepare students for subsequent clinical and bedside work. It will be given in the spring term (16 weeks) of the second year and will occupy two periods a week of two hours each, from 10.15 to 12.15, to groups of students, at the Royal Victoria Hospital and the Montreal General Hospital.

5. A course in clinical microscopy will be given in the winter term only. There will be two laboratory periods a week, from 2 to 4 p.m., on Mondays and Fridays, in the Medical Building. This course will be organized so as to give instruction and practice in microscopy as applied to clinical medicine. Dr. Kaufman and Assistants.

6. A course in clinical medicine with case reporting and bedside clinics will be given in the autumn, winter and spring terms, to groups of students of the third year at the Royal Victoria Hospital and Montreal General Hospital. Each course will occupy five days a week from 9 a.m. to 3.45 p.m.

Professors Meakins, Gordon and Assistants.

7. A clinical course in Mental Medicine will be given in the autumn, winter and spring terms. This course will have the following divisions:

(a) A weekly theatre clinic on mental hygiene, neuroses, psychoses and border line cases during the final year at the Montreal Neurological Institute.

Professor W. T. B. Mitchell and Assistants.

(b) A certificate of one week's attendance at a Mental Hospital and the submission of three case reports. The attendance may be at any hospital approved by the department.

8. A clinical course in dermatology will be given in the autumn, winter and spring terms of one period a week at the Royal Victoria and Montreal General Hospitals.....Drs. Burnett and Burgess.

9. A course in clinical therapeutics will be given in the autumn, winter, and spring terms, of one period a week, one and one-half hour's duration, at the Royal Victoria Hospital and the Montreal General Hospital, by Professor Lewis and Dr. D. Grant Campbell.

10. **Physio-Therapy.** Three lectures and three periods of group instruction at times to be arranged. Drs. Lewis and Brown.

11. In the student's final year he becomes virtually a member of the Externe Staff of the teaching hospitals. He may elect to be allotted to the various services in the hospital in the capacity of clinical clerk, participating in the keeping of records, diagnosis and treatment of patients in the wards and Out-Patient Department, and the laboratory duties. He will accompany the physicians on their daily rounds, attend autopsies and report on them to his teachers.

Medical Jurisprudence and Toxicology.

A series of twenty lectures.....Professor Rabinowich.

Medical Jurisprudence: *Definition and scope*: obligations of the physician as a citizen. Ethics and Law in the conduct of medical practice. *Witnesses*: Ordinary. Expert. Skilled. *Medical Evidence*: Documentary. Oral. Experimental. Professional secrecy. Privileged communications. Rules regarding medical witnesses in Court. *Legal aspects of physical examinations. Malpractice*: Criminal. Civil. Negligence. Recklessness. "Reasonable care and judgment." *Identification of living persons*: Scars. Tatoo marks. Hair dyes. Dactylography.

Wounds: Types. Ante-and post-mortem examination. Evidence furnished by wounds—Accident. Suicide. Murder. *Medico-legal aspects of blood examinations. Death*: Definitions. Conditions simulating death. Signs of death. Medico-legal forms of death. Estimation of length of time by post-mortem phenomena—Cooling. Hypostasis. Rigor. Decomposition. Modifying factors. Adipocere. Mummification. Medico-legal aspects of embalming and cremation. Presumption of death. Presumption of survivorship. Identification of the dead—Age. Sex. Stature. Teeth. Certification. *Medico-legal relations of sexual functions*: Impotence. Sterility. *Pregnancy. Abortion*: Natural. Criminal. Justifiable. *Birth*: Certification. Legitimacy. Paternity. *Infanticide*: Necessary proof of live birth. *Sexual offenses*: Rape and defloration. Examination of victim and accused. Unnatural offenses. *Mental disorders*: Testamentary capacity. Criminal responsibility. Certification. Medico-legal aspects of *alcoholism*. Criteria of drunkenness.

Toxicology: *Occurrence of poisoning*: Foods. Industrial. Clothes and cosmetics. Patent medicines. Therapeutic. *Classification of poisons. Modes of action.* Modifying factors—Mode of entry. Amount. Age. Habit. Tolerance. Idiosyncrasy. Physical condition of victim. *Diagnosis of acute poisoning*: Similarity between poisoning and disease. Rules for diagnosis. *Treatment*: General. Specific. *Medico-legal* aspects of poisoning—Accident. Suicide. Murder.

References:—Principles and Practice of Medical Jurisprudence—Taylor. Legal Medicine and Toxicology—Webster. Text-book of Forensic Medicine and Toxicology—Buchanan. Medical Jurisprudence and Toxicology—Glaister. Forensic Medicine—Sydney Smith. Forensic Medicine and Toxicology—F. J. Smith.

Elective Courses

12. **Physio-Therapy (Practical):** A course of lectures and demonstrations dealing more fully with the application of physical methods to the treatment of disease. Dr. Brown.

13. **Therapeutics:** A series of ten evening lectures on certain special aspects of medical treatment will be offered if a sufficient number apply. These lectures will be given by those having a special interest in the various topics, and will be open to students and graduates.

14. A course of lectures on "recent advances in Medicine" and its allied branches is given once a week throughout the session.

Elective courses for advanced work are offered in the following subjects: Neurology, psychiatry, dermatology, clinical pathology, cardiology, hæmatology, diseases of the lungs, gastro-intestinal diseases, et cetera. The details of these electives courses will be announced at the beginning of each session.

Text and Reference Books

Clinical Methods and Physical Diagnosis:—Todd, "Clinical Methods"; Flint, "Physical Diagnosis"; Major, "Physical Diagnosis; Murray, "Examination of the Patient"; Gradwohl, "Clinical Laboratory Methods and Diagnosis"; Hutchison and Hunter, "Clinical Methods"; Cabot, "Physical Diagnosis"; Department of Medicine, McGill University, "Guide to Medical Case Reporting".

General Medicine:—McLeod, "Physiology in Modern Medicine"; Best and Taylor, "Physiological Basis in Medical Practice"; Meakins, "Practice of Medicine"; Cecil," Text Book of Medicine"; Davis, "Cyclopedia of Medicine"; Rolleston, "The British Encyclopaedia of Medical Practice"; Lewis, "Diseases of the Heart"; White, "Heart Disease"; Norris and Landis, "Diseases of the Chest"; Eusterman and Balfour, "Stomach and Duodenum"; Hurst and Stuart, "Gastric and Duodenal Ulcer"; Joslin, "Diabetic Manual"; "Treatment of Diabetes Mellitus"; McLester, "Nutrition and Diet in Health and Disease"; Lusk, "Science of Nutrition"; Peters and Van Slyke, "Quantitative Clinical Chemistry", Vol. 1, Interpretations; DuBois, "Basal Metabolism in Health and Disease"; Kurzrok, "The Endocrines in Obstetrics and Gynaecology"; Clendening, "Methods of Treatment"; "Pharmocopoea of the Teaching Hospitals".

Psychiatry:—White, "Outlines of Psychiatry"; Henderson and Gillespie, "A Text of Psychiatry" (1936); Bernard Hart, "The Psychology of Insanity".

Neurology:—Brock, "The Basis of Clinical Neurology"; Cobb, "A Preface to Nervous Diseases"; Grinker, "Neurology".

Dermatology:—Walker's "Introduction to Dermatology"; MacLeod, "Diseases of the Skin"; Sutton and Sutton, "Diseases of the Skin"; Ormsby, "Diseases of the Skin".

PÆDIATRICS

PROFESSOR:—R. R. STRUTHERS

ASSOCIATE PROFESSOR:—S. GRAHAM ROSS

ASSISTANT PROFESSORS:— A. GOLDBLOOM, L. LINDSAY

LECTURERS:— A. K. GEDDES, ALAN ROSS, JESSIE BOYD SCRIVER, H. P. WRIGHT

DEMONSTRATORS:— P. N. MACDERMOT, S. J. USHER

ASSISTANT DEMONSTRATORS:— H. L. BACAL, B. BENJAMIN

Required Courses

1. **Lecture Course:** A series of thirty-five clinical lectures on pædiatrics. Once a week during the Autumn, Winter and Spring terms (as announced) at the Medical Building or at the Children's Memorial Hospital.

 Professor Struthers and Assistants.

2. **Infectious Diseases:** A series of demonstrations to groups of students on the ordinary infectious diseases is given at the Alexandra Hospital.

3. **Diseases of the New Born**—Royal Victoria Montreal Maternity Pavilion.

4. **Clinical Pædiatrics:** During the final year the class is divided into groups, each group devoting five weeks to the study of the diseases of childhood, including—

 (a) Normal Infant Feeding, Care and Development—Montreal Foundling and Baby Hospital.

 (b) General Pædiatrics—Children's Memorial Hospital.

 (c) Infectious Diseases—Alexandra Hospital.

Text-books:—Holt and McIntosh, "Diseases of Infancy and Childhood"; Griffith and Mitchell, "Diseases of Infants and Children"; Porter and Carter, "Management of the Sick Infant and Child"; Brown and Tisdall, "Common Procedures in Pædiatrics"; Wright, "Essentials of Infant Feeding and Pædiatric Practice"; Goldbloom, "Care of the Child"; Still, "Common Disorders and Diseases of Childhood"; John Thomson, "Clinical Study and Treatment of Sick Children."

Reference Books:—Brenneman, "Practice of Pædiatrics" (4 volumes); Parsons and Barling, "Disease of Infancy and Childhood" (2 volumes); Langdon, "Home Guidance for Young Children"; "Abt's Pædiatrics" (8 volumes).

NEUROLOGY AND NEUROSURGERY

PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—WILDER PENFIELD

ASSOCIATE PROFESSOR OF NEUROLOGY:—COLIN RUSSEL

ASSOCIATE PROFESSOR OF NEUROSURGERY:—WILLIAM CONE

CLINICAL PROFESSOR OF NEUROLOGY:—F. H. MACKAY

ASSISTANT PROFESSOR OF NEUROSURGERY:—A. R. ELVIDGE

LECTURERS IN NEUROLOGY:—DONALD MCEACHERN, F. MCNAUGHTON, J. N. PETERSEN, N. VINER, A. W. YOUNG

LECTURER IN NEUROLOGICAL ROENTGENOLOGY:—A. E. CHILDE

LECTURER IN NEUROLOGICAL ELECTROGRAPHY:—HERBERT JASPER

LECTURERS IN CLINICAL PSYCHOLOGY:—MOLLY HARROWER, DONALD HEBB

DEMONSTRATOR IN NEUROSURGERY:—T. C. ERICKSON

DEMONSTRATOR IN NEUROLOGY:—J. KERSHMAN

ASSISTANT DEMONSTRATOR IN NEUROSURGERY:—F. ECHLIN

ASSISTANT DEMONSTRATOR IN NEUROPATHOLOGY:—ROBERT PUDENZ

RESEARCH FELLOWS:—F. ECHLIN, S. HUMPHREYS, O. W. STEWART, J. MCCARTER, Y. CHAO, PRADOS Y SUCH, W. BROWN, M. GRIFFITHS

The Department of Neurology and Neurosurgery co-operates intimately with the Departments of Medicine and Surgery in their regular teaching.

In addition the following elective courses are offered:

1. Case Presentations. Diseases of the Nervous System.
Outpatient Department, Royal Victoria Hospital, Tuesdays at 3.00 p.m.

Professor Penfield.

2. Fundamentals of Neurology (Neuro-Anatomy, Neuro-Physiology, Biological Chemistry and Roentgenology).
Neurological Institute, Tuesdays at 5 p.m.

Drs. Petersen, Elvidge, McEachern, Childe, Jasper, McNally, Boldrey, Kershman, McNaughton, and Erickson.

SURGERY

PROFESSOR OF UROLOGY AND HEAD OF THE DEPARTMENT OF SURGERY:—
F. S. PATCH

ASSOCIATE PROFESSORS:— F. D. GURD, C. K. P. HENRY, F. E. MCKENTY

ASSISTANT PROFESSOR:—J. A. ARMOUR

LECTURERS:— HOWARD DAWSON, H. M. ELDER, R. R. FITZGERALD, G. A. FLEET, GUY JOHNSON, C. A. MCINTOSH, L. H. MCKIM, G. GAVIN MILLER, DUDLEY ROSS, A. J. STEWART, F. J. TEES, A. L. WILKIE

DEMONSTRATORS:— S. G. BAXTER, E. M. COOPER, H. G. PRETTY, J. C. LUKE, S. J. MARTIN, H. S. MORTON, H. F. MOSELEY, ALBERT ROSS, P. G. ROWE

ASSISTANT DEMONSTRATORS:— F. D. ACKMAN, G. D. LITTLE, J. C. SUTTON, D. W. WEBSTER

UROLOGY

CLINICAL PROFESSOR:—E. C. SMITH

LECTURER:—R. E. POWELL

DEMONSTRATORS:— A. B. HAWTHORNE, M. SENG, T. E. TANNEY

ORTHOPAEDIC SURGERY

CLINICAL PROFESSORS:— J. A. NUTTER, W. G. TURNER

LECTURERS:— W. J. PATTERSON, N. F. WILLIAMSON

ASSISTANT DEMONSTRATORS:— J. G. PETRIE, J. G. SHANNON

ANÆSTHESIA

LECTURERS:— C. C. STEWART, F. A. H. WILKINSON

Instruction in surgery and the surgical specialties is given in the form of didactic lectures, amphitheatre clinics and demonstrations and group teaching in the wards and out-patient department of the teaching hospitals. The course is graded. The student must qualify in each year before proceeding to the next.

Required Courses.

Second Year. Surgical teaching begins in the spring term (16 weeks) of the Second Year. In this year special attention is directed to the instruction and training of the student, in proper methods of physical examination, from the surgical point of view. At the same time, instruction is given in methods of surgical technique, and the student is introduced to the simpler types of fractures and dislocations.

1. A combined lecture course in collaboration with the Department of Medicine, Neurology, Neuro-Surgery and Radiology, three days a week during the spring term.
2. Amphitheatre clinics, alternately in the Montreal General and Royal Victoria Hospitals, two days a week, during the term.
3. Group classes in the wards of the Montreal General and Royal Victoria Hospitals. At these, small groups of students are instructed in methods of examination as applied to surgery and its allied specialities.

Third Year. The student comes into a more intimate contact with the patient, and in the surgical trimester is assigned cases, writes case reports, acts as dresser, assists at operations, etc.

1. The combined lecture course in collaboration with the Departments of Medicine, Neurology and Neuro-Surgery and Radiology is continued, two days a week, throughout the year. In this course, lectures in Orthopædic Surgery, Neurological Surgery and Urology are included.
2. Amphitheatre clinics and demonstrations in the Montreal General and Royal Victoria Hospitals, two days a week throughout the year.
3. Group ward classes.
4. Case reporting. Patients are allotted to students who act as reporters, dressers, assistants at operations, etc.
5. Clinico-pathological conferences, one period a week, jointly with the Department of Pathology.
6. A course in applied anatomy, jointly with the Department of Anatomy, ten periods.

Fourth Year. During the surgical trimester of this year, the student devotes his entire time to surgery and its allied specialties.

1. Amphitheatre clinics and demonstrations at the Montreal General and Royal Victoria Hospitals, two days weekly.
2. Group ward classes.
3. Case reporting.
4. Clinico-pathological conferences, jointly with the Department of Pathology.

Surgical Diseases of Children. During the trimester in which the students are assigned to pædiatrics at the Children's Memorial Hospital, instruction in the surgical diseases of children is given by means of amphitheatre clinics and group ward classes.

Orthopaedic Surgery.

Third Year. Ten lectures are given in the combined lecture course.

Fourth Year. Ward classes are given once a week during the surgical trimester, of the Fourth Year.

Urology.

Third Year. Ten lectures are given in the combined lecture course.

Fourth Year. Ward classes are given twice weekly during the surgical trimester of the Fourth Year.

Clinico-pathological conferences, jointly with the Department of Pathology, once a week during the surgical trimester of the Fourth Year.

Instruction in venereal diseases is given in the out-patient department, once a week, during the surgical trimester.

Anaesthesia. Instruction in anæsthesia is given by the Department of Pharmacology and Clinical Therapeutics. Students are given practical instruction in the administration of anæsthetics, during their surgical trimesters in the Third and Fourth Years.

Close correlation is maintained with the Departments of Anatomy and Physiology as well as with the concurrent instruction in Medicine, Pathology and Bacteriology.

The course is graded and the student is required to qualify in each grade before he is permitted to advance to succeeding grades.

Text-books:—

1. *General Surgery*: John Homans, "A Text-book of Surgery"; Choyce, C. C., "A System of Surgery"; Gask and Wilson, "Surgery"; Hamilton Bailey, "Demonstrations of Physical Signs in Clinical Surgery"; Christopher Cole and Elman; Romanis and Mitchener; Handfield, Jones and Porrett, "The Essentials of Modern Surgery."

2. *Emergency Surgery*: Sluss, John W., "Manual of Emergency Surgery."

3. *Surgical Anatomy*: McGregor, "Synopsis of Surgical Anatomy." Treves, "Surgical Applied Anatomy."

4. *Fractures and Dislocations*: Scudder, Charles L., "Treatment of Fractures"; Wilson and Cochrane, "Fractures and Dislocations." Magnusson's "Treatment of Fractures"; Stimson's "Manual of Fractures and Dislocations"; Wilson's "Management of Fractures"; Key and Conwell's "Fractures and Dislocations."

5. *Case Reporting*: White, J. Renfrew, "The Clinical Examination of Surgical Cases."

6. *Urology*: Eisendrath and Rolnick's "Urology"; Herman's "Practice of Urology"; Hinman's "Principles and Practice of Urology"; Keys and Ferguson's "Urology."

7. *Orthopædic Surgery*: Whitman's "Orthopædic Surgery"; Fraser, "Tuberculosis of Bones and Joints of Children"; Jones, "Orthopædic Surgery of Injuries"; Jones and Lovett, "Orthopædic Surgery"; Mercer's "Orthopædic Surgery."

OBSTETRICS AND GYNAECOLOGY

PROFESSOR AND HEAD OF THE DEPARTMENT:—J. R. FRASER

ASSOCIATE PROFESSORS:—A. D. CAMPBELL, H. C. BURGESS

CLINICAL PROFESSORS:—J. W. DUNCAN, J. R. GOODALL

ASSISTANT PROFESSOR:—W. A. G. BAULD

LECTURERS:—G. C. MELHADO, IVAN PATRICK

DEMONSTRATORS:—DOUGLAS GURD, J. STEWART HENRY, ELEANOR PERCIVAL, N. W. PHILPOTT, C. V. WARD

CLARA LAW FELLOW AND DEMONSTRATOR:—P. J. KEARNS

ASSISTANT DEMONSTRATORS:—K. T. MACFARLANE, D. W. SPARLING

A. A. BROWNE FELLOW:—F. D. JOHNSTON

TEACHING FELLOW:—W. R. FOOTE

The entire course is arranged on the basis of imparting a practical knowledge of Obstetrics, Gynæcology and the Care of the New-born. Throughout all trimesters the value of intimate contact with the patient in the normal and the pathological state is stressed.

The privilege of serving as an interne in the hospital for two weeks treating the patients from the time of delivery till discharge from hospital is an ideal arrangement. Each student serves in the ante-natal clinics in the city.

OBSTETRICS

Required Courses

1. An introductory course of sixteen lectures on the fundamental principles of the subject dealing with the Anatomy, Embryology, Physiology and Pathology of the Pelvic Organs.
 Medical Building. One lecture a week—Spring Term.
 Professor Fraser.

2. **Clinical instruction** during the year in the Royal Victoria Montreal Maternity Pavilion, including the conduct of labour and the puerperium in case room and wards, together with ante-natal care in the out-patient department.
 Autumn, Winter and Spring Terms.

3. **Special courses in obstetrical palpation** and on the manikin daily throughout the session with the aid of models, diagrams and lantern slides. Autumn, Winter and Spring Terms.

4. **Clinical Conferences** thrice weekly in the theatre throughout the year for the entire class, where living cases are presented illustrating the more important obstetrical conditions.

Autumn, Winter and Spring Terms.

5. **Group Instruction.** The teaching in the final year is conducted entirely by senior teachers.

Small groups of students are instructed in the Wards, Case Rooms and Out-patient Department in methods of examination, problems of delivery and the principles of treatment.

6. **Lecture Demonstrations** in the theatre are held daily during each term on the following subjects:—

A. Normal Labour Dr. Melhado.
B. Puerperal Infection Dr. A. D. Campbell.
C. Hæmorrhages of Pregnancy. Labour and the Puerperium.
Professor Duncan.
D. Toxæmia of Pregnancy Professor Goodall.
E. Dystocia Professor Burgess.

7. **Care of the New-born.** Drs. Struthers & Ross.

The clinical demonstration once weekly throughout the year by the Pædiatrician in charge of the new-born, is intended to provide a clear and concise survey of the physiology and pathology of the new-born. Particular emphasis is laid on infant feeding and neonatal disease.

8. **The Staff Conference** held once a week is arranged to give a complete account of the work of the hospital.

NOTE: Rooms are provided in the new pavilion where the students may reside, in groups of six, for a period of two weeks. During his period of interneship the student will under supervision deliver patients both in hospital and at their homes, and will undertake the medical care of mother and child during the puerperium.

GYNAECOLOGY

1. Theatre clinics and bedside instruction in the Royal Victoria and Montreal General Hospitals.....Professor Fraser, Dr. Campbell and Staff.

2. A special course on Gynæcological Pathology.....Dr. P. J. Kearns.

3. Methods of Gynæcological examination, diagnosis and treatment in the outdoor departments.

4. A special course of instruction, once a week, throughout the year in the cancer clinic on methods of diagnosis and treatment of cancer, dealing especially with Radium and X-Ray.....Dr. Bauld and Staff.

Text and Reference Books

Obstetrics

(1). De Lee	Principles and Practice of Obstetrics.
(2). Stander	Text book on Obstetrics.
(3). Ten Teachers	Midwifery.
(4). Harper	Clinical Obstetrics.
(5). Bourne	Synopsis of Midwifery and Gynæcology.
(6). Johnson, R. W.	Text book of Midwifery.
(7). Bland	Practice of Obstetrics.
(8). Miller, J.	Manual of Obstetrics.
(9). Appleton	Obstetrical and Gynæcological Monographs.
(10). Peterson	Demonstration Course in Obstetrics.
(11). Irving	Text book on Obstetrics.
(12). Beck	Obstetrical practice.

Gynæcology

(1). Graves	Text book of Gynæcology.
(2). Curtis	Text book of Gynæcology and System of Gynæcology and Obstetrics.
(3). Ten Teachers	Diseases of Women.
(4). Monroe Kerr	Gynæcology.
(5). Blair Bell	Principles of Gynæcology.
(6). Kelly, Howard	Text book of Gynæcology.
(7). Goodall	Puerperal Infection.
(8). Crossen	Gynæcology.

OPHTHALMOLOGY

PROFESSOR:—S. H. MCKEE
LECTURER:—J. A. MACMILLAN
DEMONSTRATORS:—K. B. JOHNSTON, STUART RAMSEY, J. ROSENBAUM, R. J. VIGER
ASSISTANT DEMONSTRATOR:—A. BRAMLEY-MOORE

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses:—

1. **Routine examination of the eye.**

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours.....Professor McKee and members of the Staff.

2. Lecture demonstrations.

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential concepts for the clinical work of the Final Year.

Ten Hours Professor McKee.

3. Clinical Ophthalmology.

In the Final Year, the entire available time is devoted to an intensive study of the ocular problems that are of greatest moment in general practice—the external diseases of the eye, and the main ophthalmoscopic findings in systemic disorders and affections of the nervous system; with practical lessons in ophthalmic nursing and first aid. This work is conducted in the ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals.

Professor McKee and Staff.

Text-books:—Parsons, May, Swanzy, De Schweinitz, Fuchs.

OTO-LARYNGOLOGY

Assistant Professors:— D. H. Ballon, G. E. Hodge

Lecturers:— W. J. McNally, R. P. Wright

Demonstrators:— K. O. Hutchison, B. F. MacNaughton, G. E. Tremble

Assistant Demonstrators:— A. O. Freedman, E. E. Scharfe, E. A. Stuart

Instruction in Oto-Laryngology is given to students of the third, and fourth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Third Year:

A course of 20 demonstrations is given to students of the Third Year. These demonstrations deal with the normal anatomy of the ear, nose and throat, and with methods of examination. The students are required to examine the patients and recognize the normal and common pathological conditions of the ear, nose and throat. Ward rounds are made to illustrate the pre-and post-operative methods of treatment.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the œsophagus.

Fourth Year:

Ten clinical demonstrations are given in the out-patient departments and wards of the hospitals. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books:—Sir St. Clair Thomson: Diseases of the Nose and Throat; A. Logan Turner: Diseases of the Nose, Throat and Ear; Chevalier Jackson and G. M. Coates: The Nose, Throat and Ear and Their Diseases; Philip O. Kerrison: Diseases of the Ear; Chevalier Jackson: Bronchoscopy, Oesophagoscopy and Gastroscopy; D. H. Ballon: Chapters on Bronchoscopy and Oesophagoscopy in Surgical Diseases of the Chest by Evarts A. Graham, J. J. Singer, Harry C. Ballon.

GRADUATE INSTRUCTION

1. Any medical graduate of McGill University who so desires may attend any of the regular undergraduate clinics. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. **Special graduate work** is offered in every department, both in the laboratories and in the clinics. Applications in writing, addressed to the head of the department concerned, must state the qualifications and experience of the applicant and the nature of the work he desires to do. The minimum fee is $30.00 a term (10 weeks).

3. **Course for Diploma of Public Health:** This course is specially designed as a thorough training for medical men undertaking the duties of a Medical Officer of Health.

The duration of the course is at least eight months (October 1st to May 31st).

The curriculum is as follows:—

(a) A course dealing in a comprehensive manner with the general principles of Public Health and Preventive Medicine.

(b) A course covering health organization, legislation and administration.

(c) A course on vital statistics and records, including practical work.

(d) Bacteriology: A course given by the Department of Bacteriology at Macdonald College.

(e) Field work: Arrangements made with the Department of Health, Montreal, and the voluntary health agencies of Montreal.

Seminars are held throughout the year. Arrangements are made for special courses in such subjects as parasitology, tuberculosis, venereal disease, etc., and for special visits.

Examinations are written, oral and practical.

The inclusive fee for the course is $155, for British subjects and $205, for non-British subjects.

BUILDINGS

THE MEDICAL BUILDING

This Building, erected in 1911, at a cost of over $600,000, contains the Offices of Administration, the Medical Library (with its 50,000 volumes, its Reading Rooms and their complete set of technical journals), the Departments of Anatomy, Public Health and Preventive Medicine, and the Museums of Anatomy, Pathology and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department. The Laboratories for Histology and Embryology have excellent facilities, with space for 120 students, and smaller rooms for research.

THE BIOLOGICAL BUILDING

Completed in 1922 at a cost of over $500,000, this building was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. This extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Biochemistry, Physiology and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the Laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital by a tunnel, is situated on the Northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology, Bacteriology and Medical Jurisprudence, and includes a Pathological Museum and museum workshops. It combines under one roof, quarters for teaching and research in these departments, both for the University and for the Royal Victoria Hospital. From the latter is drawn chiefly its material. It was constructed at a cost of $460,000; is of Montreal limestone; its main front is 242 feet long; the north end is 77 feet wide and the south end 60 feet. It provides ample facilities and equipment for instruction of students, and the research work of the Staff.

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and Neuro-surgery, which conducts both undergraduate and graduate teaching in the Faculty of Medicine. In addition to wards, operating rooms, laboratories, etc., the building provides complete residential accommodation for six research fellows.

HOSPITALS

Few medical schools on this Continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical School is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:—

Royal Victoria Hospital.
Montreal General Hospital.
Children's Memorial Hospital.
Foundling Division, Children's Memorial Hospital.
Alexandra Hospital for Infectious Diseases.
Verdun Protestant Hospital.
Royal Edward Institute.
The Royal Victoria Montreal Maternity Hospital.

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical School. These affiliated hospitals contain over 2,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University building, is a general hospital for acute diseases and contains 709 beds and 110 cribs. During 1938 it cared for 14,092 cases, while in its out-door department 74,525 cases were treated. Many new additions have been made in the Hospital. A modern University Medical Clinic was established in 1924.

There were 186 post-mortems.

The number of resident physicians is 45.

The Royal Victoria-Montreal Maternity Pavilion, with 214 beds for obstetrical and gynæcological cases, was opened in June, 1926. In this institution there are 117 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate student. During the year 1938 the obstetrical service cared for 2,090 confinements in the Hospital and 210 in the Out-patient Service, a total of 2,300. In the gynæcological section, 1,598 cases were admitted during the year.

There are nine resident physicians.

The Montreal General Hospital, Central and Western Divisions, is a general hospital for the treatment of acute diseases and contains 600 beds. In 1938 there were 11,553 admissions, giving a total of 117,846 patient days. The number of patients' visits to the Outpatient Department of both Divisions totals 217,675. Many modern additions to the original buildings have been made permitting increased bed capacity. There is a large biochemical laboratory completely equipped for the complete investigation of the metabolic aspects of disease and in

conjunction with this department there is an outpatient clinic, one of the largest on the continent, for the treatment of diabetes mellitus. There were 331 autopsies performed which represents 93% of all autopsies obtainable, i.e., other than coroner's cases, etc. Post Mortem and surgical material at both Divisions is now used for teaching, and clinical teaching is carried out in the public wards at both Divisions. The number of resident physicians is 52. The Dental Clinic of the University completed in 1921 is located at the Central Division and has 50 dental chairs with a large and varied clientele. The number of visits to the Dental Clinic for the year 1938 was 25,153.

The Children's Memorial Hospital has 300 public beds, and, in 1938, admitted 3,809 patients. The attendance at its out-door department totalled over 26,618 visits. This hospital admits all classes of cases of disease in children, and enables the students to get a broad concept of pædiatrics. Of special interest are the newly-built wards with cubicles, the Department of Remedial Gymnastics, the Open-air Pavilions, and the well-equipped out-patient service.

There were 99 autopsies during the year, which represents 85.7% of all deaths.

The number of resident physicians is 13.

A short post-graduate course lasting one week is offered during the month of September, before the beginning of the regular session, when clinics, lectures and demonstrations on the more important phases of pædiatrics are given.

The Montreal Foundling and Baby Hospital has been taken over by the Children's Memorial Hospital, and the two institutions will be used as before for the teaching of students. The Foundling Division affords a large amount of clinical material and gives special facilities for instruction in child welfare and infant feeding. There are 75 beds.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are 172 beds, and, in 1938, 1,183 patients were admitted to the hospital. There were 16 autopsies.

The number of resident physicians is 4.

The Verdun Protestant Hospital has 1,100 beds. It serves to instruct students in the diagnosis and treatment of the psychoses. Students are taken about the wards in groups, and are required to report on cases and discuss the general problems of psychiatry with the teachers. Occupational therapy is emphasized.

The Royal Edward Institute in its new building, 3674 St. Urbain St., has space for 23 beds, with operating room, X-Ray equipment and modern facilities for the examination of patients; it is essentially a dispensary for tuberculosis and offers adequate material for teaching students the essential features of pulmonary disease.

The Royal Victoria Hospital is adjacent to the Medical School, while the other affiliated hospitals are within easy access. These hospitals, with their large clinical and laboratory facilities, and their close affiliation with the University, offer excellent opportunities for the study of disease in all its phases.

LIBRARY

HONORARY LIBRARIAN:—R. L. STEHLE

The Library occupies the central part of the Medical Building, the whole front of the second and third floors, as well as a portion of the first floor. On the third floor is the magnificent reading room, 76 x 24 feet, exceptionally well lighted, and capable of accommodating seventy-five readers. On this floor also are the journal room and private office. The second floor contains the stack room, the book stacks at present containing about 50,000 volumes, as well as eight sections of unbound material in cases, such as hospital reports, university calendars, government publications and theses, and having a total capacity of sixty thousand volumes; also three study rooms. On the first floor are the cataloguing rooms, offices and pamphlet room.

A special feature of the Library is the journal collection, and every effort is being made to complete this section as far as possible, and thus to increase the value of the reference department of the Library. Through the generosity of interested friends there is also a valuable collection of approximately one thousand volumes of early works on the History of Medicine, dating from the fifteenth century. These can be consulted at the Library. The Library is also very rich in ophthalmological material, largely through the interest of Dr. Casey A. Wood, who not only has given his private collection, but has continued each year to send many valuable books and periodicals. Through his generosity, in a short time, the Library will have one of the most complete ophthalmological periodical collections on this continent.

The journal collection is listed in the Catalogue of Scientific Periodicals in Canadian Libraries, and also in the Union List of Serials published by the W. H. Wilson Company.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other colleges showing proper credentials, and registered nurses. It is felt that graduates living at a distance are not aware of the fact that books may be borrowed from the Library on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during term from 9 a.m. to 6 p.m., and 7.30 to 9.30 p.m., except Saturdays, when it is closed at 5 p.m. After June 1st it is open from 9 a.m. to 5 p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

LIBRARIAN:—W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises nearly 9,000 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue was completed, indexed, and printed after his death ("Bibliotheca Osleriana," Clarendon Press, Oxford, 1929, xxxvi, 785 pp.)

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 137 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

1. THE McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:—

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers, are kept on file.

2. ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Fourth and Fifth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

3. THE OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussions. Each year an Honorary President has been elected from this older group.

McGill University has been greatly enriched by the gift of the Osler Library, bequeathed by Sir William. Members of the Society are fortunate in having ready access to this unique source of original material, comprising as it does a rare and valuable collection of some 9,000 volumes and pamphlets devoted to the history of science and medicine from the time of Hippocrates.

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